

Nemchenko, E. A.  
ELASTIC PROPERTIES OF STAPLE FIBERS.  
22 June 62, 10p.  
Order from OTS or SLA \$1.10

63-10786

Trans. of Khim[icheskie] Volokna (USSR) 1959, no. 6,  
p. 47-49.

DESCRIPTORS: \*Fibers, \*Elasticity, Compressive  
properties, Volume, Air, Textiles, Measurement,  
Fibers (Synthetic).

(Materials--Textiles, TT, v. 9, no. 12)

63-10786

I. Nemchenko, E. A.

Office of Technical Services

The Problem of the Evaluation of the Quality of  
Viscose Cellulose, by A. G. Yacunskaya.

RUSSIAN, per, Khim Volokna, No 1, 1960, pp 23-26.

DSIR LLU M. 2284

Sci - Chem

Oct 61

169,837

61-15466

Lotarev, B. M. and Bork, Z. V.  
PREPARATION OF VISCOSE WITH THE ADDITION  
OF SODIUM ZINATE, tr. by L. Gawronska.  
20 July 60, 10p. 4 refs. Courtaulds Misc. L.t. 3190;  
[DSIR I.I.U M. 2326]  
Order from I.C or SIA ml\$1.80, ph\$1.80 61-15466

Trans. of Khim[icheskiy] Volok[na] (USSR) 1960, no. 1,  
p. 27-29.

The addition of sodium zinate to steeping soda in amounts from 3.3 to 6.6 g. (calculated as zinc oxide) per 1 kg. of viscose produces viscoses of normal composition and quality. If alkali cellulose is xanthated with CS<sub>2</sub> amounting to 30-25% of the  $\alpha$ -cellulose weight in the VA apparatus under normal technological conditions. The addition of sodium zinate carried out during preparation of the viscose increases its filterability. Viscoscs prepared with the addition of sodium zinate are more stable than those without it, and this affects the process of filament spinning. (Author)

- I. Cellulose--Preparation
2. Sodium compounds--  
Chemical reactions
- I. Lotarev, B. M.
- II. Bork, Z. V.
- III. Courtaulds MI -3190
- IV. DSIR I.I.U M. 2326
- V. Courtaulds Ltd. Gr. Brit. )

Office of Technical Services

(Engineering--Chemical,  
TT, v. 5, no. 12)

Volf, L. A., Meos, A. I., and Inkina, S. A.  
COMPLEXOMETRIC DETERMINATION OF SODIUM  
SULPHATE IN PRECIPITATION BATHS IN THE PRO-  
DUCTION OF MAN-MADE FIBRES, tr. by  
I. Gawronska. 4 Aug 60, 5p. 5 refs. Courtaulds Misc.  
Lit. 3191; [DSIR LEU] M.3191.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-15469

Trans. of Khim[icheskiy] Volok[na] (USSR) 1960,  
no. 1, p. 32-33.

The substituted Zn cations were titrated with Com-  
plexone III in the presence of Chromogene Black. The  
end point was recognized by the sharp change of the  
wine-red color to pure blue. The experiments were  
carried out with spinning baths from a viscose plant  
( $H_2SO_4$ ,  $Na_2SO_4$ ,  $ZnSO_4$ ) and from a polyvinyl alcohol  
fibre plant ( $Na_2SO_4$  and  $ZnSO_4$ ). The accuracy of the  
method was assessed by comparison with the results  
of gravimetric analysis. The complete analysis re-  
quires only 10 to 15 minutes and is entirely suitable  
for practical application.

61-15469

1. Sodium sulfates--  
Determination
2. Synthetic fibers--  
Production
- I. Volf, L. A.
- II. Meos, A. I.
- III. Inkina, S. A.
- IV. Courtaulds ML-3191
- V. DSIR LEU M.2329
- VI. Courtaulds Ltd. (Gr. Brit.)

100605

Office of Technical Services

(Materials--Textiles,  
TT, v. 5, no. 12)

61-15473

Goryachko, G. V., Larionov, N. I., and  
Glazkovskiy, Yu. V.  
ULTRASONIC CLEANING OF SPINNING JETS. tr. by  
I. Gawronska. 11 Aug 60, 4p. 5 refs. Courtaulda  
Misc. Lit. 3193; [DSIR LLU] M. 2335.  
Order from LC or SLA int\$1.80, ph\$1.80 61-15473

Trans. of Khim[icheskiy] Volok[na] (USSR) 1960, no. 1,  
p. 51-52.  
Another translation is available from ATS \$6.00 as  
ATS-50M47R [1960] Jp.

An ultrasonic generator with a power up to 10 kilowatts  
with magnetostrictive vibrators, operating with a fre-  
quency of 20-22 kilocycles, is required for the cleaning  
of jets under industrial conditions. A generator with  
this power is able to carry out a simultaneous cleaning  
of several scores of jets. The cleaning of jets takes  
4-6 min. instead of hours, as in the case with the  
chemical method applied at present. The ultrasonic  
treatment does not corrode the spinning jets and does  
not affect the dimensions or the shape of the orifices.

1. Textile Industry--  
Equipment
2. Ultrasonics--Applications
3. Title: Spinning jets
1. Goryachko, G. V.
- II. Larionov, N. I.
- III. Glazkovskiy, Yu. V
- IV. Courtaulda ML-3193
- V. DSIR LLU M. 2335
- VI. Courtaulda Ltd. (Gr. Brit.)

166622

Office of Technical Services  
(Materials--Textiles,  
TT, v. 5, no. 12)

(DC4368 )

Conference of Specialists in Chemical Fiber  
Production of the Participating Countries of the  
Council of Economic Mutual Aid, 3 pp.

RUSSIAN, per, Khim Volokna, No 1, 1960, p 75.

✓ JPRS 6086

SEE - Misc

23 Aug 60

Beder, N. M., Geller, B. E., and Pakshver, A. B.  
MOLECULAR COMPOSITION OF POLYACRYLO-  
NITRILE. [1961] 6p.  
Order from ATS \$9.15

ATS-44N56R

Trans. of Khim[icheskie] Volokna (USSR) 1960, no. 2,  
p. 33-36.

DESCRIPTORS: \*Polymers, \*Acrylonitriles, Molec-  
ular structure

(Chemistry--Organic, TT, v. 7, no. 3)

62-12161

- I. Beder, N. M.
- II. Geller, B. E.
- III. Pakshver, A. B.
- IV. ATS-44N56R
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

62-17250

Perepelkin, K. V.  
RAPID METHOD FOR CONTROL OF THE DEGREE  
OF DEAERATION OF VISCOSE AND OTHER SPIN-  
NING SOLUTIONS WITH LOW VAPOR PRESSURE.  
May 62, 3000 words.  
Order from USA \$30.00

- I. Title: Deaeration
- I. Perepelkin, K. V.
- II. Literature Service  
Associates, Bound Brook,  
N. J.

Trans. of Khimi[cheskie] Volok[na] (USSR) 1960, no. 2  
p. 53-56.

DESCRIPTORS: \*Cellulose, Solutions, Air, Separation,  
Control, Vapor pressure.

NLL R 2074

(Materials--Paper, TT, v. 8, no. 4)

Office of Technical Services



Temperature Conditions for Xanthation of Alkali  
Cellulose, by Ye. M. Mogilevskiy,  
M. A. Ginzberg.  
RUSSIAN, per, Khiz Volokna, No 2, 1960, pp 60-63.  
NRC-69-12774-11E

Sci-Met  
Sept 69

391,213

62-17710

Voitelev, Yu. A. and Katorzhnov, N. D.  
INCREASING THE HEAT STABILITY OF POLY-  
AMIDES BY THE INTRODUCTION OF SMALL  
AMOUNTS OF INORGANIC SUBSTANCES. [1962] 7p.  
Order from ATS \$12.75      ATS-22P61R

Trans. of Khimicheskie Volokna (USSR) 1960, no. 3,  
p. 3-6.

DESCRIPTORS: \*Polymers, \*Amides, Stability, Heat  
tolerance, \*Inorganic substances, Thermodynamics.

(Chemistry-Organic, T. v. 8, no. 4)

- I. Voitelev, Yu. A.
- II. Katorzhnov, N. D.
- III. ATS-22P61R
- IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

61-12688

Zharkova, M. A. and Kudryavtsev, G. I.  
COPOLYMERIZATION OF ACRYLONITRILE AND  
N-VINYLPYRIDINE IN AN AQUEOUS SOLUTION OF  
SODIUM THIOCYANATE. [1960] 7p.  
Order from ATS \$12.60    ATS-63M47R

Trans. of Khimicheskiy Volokna (USSR) 1960, no. 3,  
p. 15-18.

148,667

1. Copolymerization
  2. Vinyl cyanide--  
Polymerization
  3. Vinyl pyridine--  
Polymerization
  4. Sodium thiocyanate--  
Chemical reactions
- I. Zharkova, M. A.
  - II. Kudryavtsev, G. I.
  - III. ATS-63M47R
  - IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 7)

62-14259

I. Manduk, V.

Manduk, V.  
PNEUMATIC TRANSPORT IN THE CHEMICAL FIBER  
INDUSTRY (Pnevmaticheski Transport v Promyshlen-  
nosti Khimicheskikh Volokon). [1961] [12]p. (foreign  
text included).

Order from OTS or SLA \$1.60

62-14259

Trans. of Khimicheskie Volokna (USSR) 1960, no. 3,  
p. 48-50.

DESCRIPTORS: \*Pneumatic systems, \*Conveyors,  
\*Synthetic fibers, Industrial equipment.

The concrete examples given for the application of  
pneumatic conveyors in industrial chemical plants show  
the suitability of these conveyors for transporting  
various materials. The method of transport described  
can be recommended for use in the production of  
viscose and synthetic fibers. (Author)  
(Machinery--Transport, TT, v. 8, no. 7)

Office of Technical Services

(SF-1581)

Tasks of the Chemical Fiber Industry, 5 pp.

RUSSIAN, per, Khim Volokna, No 4, 1960, pp 1-2.

JPRS 4499

Sci - Chem

Apr 61

147,279

61-22192

Kotina, V. Ye., Bumarova, Z. S., and Kosova, R. M.  
AQUEOUS METHOD OF PRODUCING NITRON  
STAPLE FIBER. [1961] 9p. 6 refs.  
Order from RIS \$15.00 RIS C-143

Trans. of Khimicheskii Volokna [USSR] 1960  
[no. 4] p. 18-19.

DESCRIPTORS: \*Acrylonitriles, \*Synthetic fibers,  
Processing.

I. Kotina, V. Ye.  
II. Bumarova, Z. S.  
III. Kosova, R. M.  
IV. RIS C-143  
V. Research Information  
Service, New York

180168

Office of Technical Services

(Materials-Textiles, TT, v. 6, no. 8)

Krainova, K. M. and Lomako, A. V.  
COLORIMETRIC METHOD OF DETERMINING  
TITANIUM DIOXIDE CONTENT. 19 July 62, 9p. 3 refs.  
Order from OTS or SLA \$1.10 63-10785

Trans. of Khim[icheskie] Volokna (USSR) 1960,  
no. 4, p. 69-71.

DESCRIPTORS: \*Titanium compounds, Dioxides,  
\*Colorimetry, Quantitative analysis, Hydrogen  
compounds, Peroxides, Optical properties, Statistical  
data.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-10785

I. Krainova, K. M.  
II. Lomako, A. V.

Office of Technical Services

The Variation in Physics-Mechanical Properties of  
Viscose-Type Cord, Depending on Its Structure and  
the Technology of Fibre Formation, by V. A.  
Usenko, et al.

RUSSIAN, per, Khim Volokna, No 5, 1960, pp 37-40.

ILL. M. 3370

Sci - Chem

Apr 62

192, 328



Investigation of the Conditions for the Production  
of Acrylonitrile /  $\alpha$  -Vinyl Pyridine  
Copolymer, Suitable for the Spinning of Fibres,  
by M. A. Zharkova, et al.

RUSSIAN, ~~per~~, Khim Voloka, No 6, 1960,  
pp 15-19.

NIL M. 3764

Sci - Chem

Nov 62

217,546

Influence of Count Irregularity, Breaking  
Load and Breaking Elongation of Single  
Viscose Fibers on Breaking Length of Staple,  
by N. A. Novikov.  
RUSSIAN, per, Khimicheskie Volokna, No 6, 1960,  
pp 43-49.  
NTC-71-12469-11E

Nov 71

Butorina, E. F. and Matveev, Yu. I.  
DETECTION OF DEFECTS IN ACETATE RAYON BY  
MICROANALYSIS (Obnaruzhenie Defektov Atsetatnogo  
Shelka s Pomoshch'yu Mikroanaliza). 4 June 62 [6]p.  
(foreign text included).  
Order from OTS or SLA \$1.10 63-10812

Trans. of Khimicheskie Volokna (USSR) 1960, no. 6,  
p. 57-58.  
Another trans. is available from OTS or SLA \$1.10  
as 62-15374, DSR NLL M. 3237, 27 Mar 61, 4p.

DESCRIPTORS: \*Cellulose acetates, \*Rayon fibers,  
\*Synthetic fibers, Plastics, Textile industry, Detection,  
Microanalysis.

(Materials--Textiles, TT, v. 10, no. 3)

63-10812

I. Butorina, E. F.  
II. Matveev, Yu. I.

Office of Technical Services

(NY-3000/46)

Results of the Activities of the Chemical Fiber Industry in 1960 and the Tasks for 1961, 6 pp.

RUSSIAN, per, Khimicheskiye Volokna, No 1, 1961, pp 1, 2.

JPRS 9364

USSR

Econ

Jun 61

156,124

The Effect of Structure and Number of End Groups  
of the Polymer on the Dyeing of Polyacrylonitrile  
Fibre, by A. A. Geller, A. B. Paksaven.

RESEARCH, per, Khim Volokna, No 1, 1961, pp 17, 18.

IND. H. 3623

Sci - Chem

Aug 62

207, 119

CAUSES OF VINOL YELLOWING DURING THERMAL  
TREATMENT AND THE METHODS OF AGEING, BY  
L. A. WOLF, ET AL.

Khim Volokna,  
RUSSIAN, PER, NO 1, 1961, PP 19-21.

NLL M.3484

SCI - CHEM

JUN 62

199,162

The Use of Electrically Heated Spinning Heads in the  
Manufacture of Capron Fibres, by G. P. Savin,

RUSSIAN, per, Khimicheskie Volokna, No 1, 1961,  
pp 33-37,

GB/39/R and T 466 Fib.

Sci  
Dec 62

Mogilevskii and others.

MODIFICATION OF THE PROPERTIES OF VISCOSE  
FIBERS. [16 Apr 63] 10p. 19 refs.  
Order from OTS or SLA \$1. 10

63-18364

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 1,  
p. 37-39.

DESCRIPTORS: \*Fibers (Synthetic), \*Viscose,  
Rayon, Elasticity, \*Protective treatments, \*Amines,  
\*Ethyl radicals, Chemical reactions, Solutions,  
Polymers, Mechanical properties.

Elastic properties of rayon can be improved by  
treatment with monoethylamine. Wearability can be  
increased by coating rayon with a film of synthetic  
polymers. (Author)

(Engineering--Chemical, TT, v. 10, no. 11)

63-18364

I. Mogilevskii

Office of Technical Services



Rogovin, Z. A., Rozhanskaya, P. M., and  
Perepechkin, L. P.  
SPINNING OF TRIACETATE STAPPE FIBER. [1962] 8p.  
Order from ATS \$13.50                      ATS-24P63R

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 1,  
p. 48-51.

DESCRIPTORS: \*Synthetic fibers, \*Acetates, Manufac-  
turing methods.

(Materials--Textiles, TT, v. 9, no. 1)

62-34194

- I. Rogovin, Z. A.
- II. Rozhanskaya, P. M.
- III. Perepechkin, L. P.
- IV. ATS-24P63R
- V. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

63-10789

I. Belitsin, M. N.

Belitsin, M. N.  
THE EFFECT OF THE PROPERTIES OF SINGLE  
VISCOSE FIBERS ON THE PROPERTIES OF TWISTED  
YARN (Vliyaniye Svoistv Nizkoyzykh Zlementarnykh  
Volokna na Svoistva Kruchenol Niti). 24 May 62 [26] p.  
18 refs.

Order from OTS or SLA \$2.60 63-10789

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 1,  
p. 60-67.

DESCRIPTORS: \*Viscose, \*Fibers, Mechanical  
properties, Processing, Mathematical analysis,  
Textiles, Fibers (Synthetic).

(Materials--Textiles, TT, v. 9, no. 12)

Office of Technical Services

Sporygina, E. A., Ozernikova, B. I., and others.  
THE EFFECT OF THE NUMBER AND DIAMETER OF  
SPINNERET ORIFICES ON THE PHYSICAL-MECHAN-  
ICAL PROPERTIES OF CORD YARNS. 4 June 62, 6p.  
Order from CTS or SLA \$1.00 63-10783

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 1,  
p. 68-69.

Another transl. is available from ATS \$5.50 as  
ATS-21863R [1962] 4p.

DESCRIPTORS: \*Textiles, \*Machines, \*Cordage,  
\*Fibers, Physical properties, Mechanical properties,  
Design.

The physical-mechanical properties of cord yarn ob-  
tained with spinnerets of different types were studied.  
Among all experimental spinnerets the best physical-  
mechanical properties were obtained with spinnerets  
(Materials--Textiles, TT, v. 10, no. 1) (over)

63-10783

- I. Title: Spinneret
- I. Sporygina, E. A.
- II. Ozernikova, B. I.

Office of Technical Services

Modification of the Properties of Polypropy-  
lene Fibre by Grafting, by L. Odor, F.  
Helcin.

RUSSIAN, per, Khim Volokna, No 2, 1961,  
pp 18-22.

MLL M.3475

Sci - Chem  
Apr 62

193,813

Grishchenko, A. Z., Bezoosyak, U. L., and others.  
AUTOMATIC REGULATION OF LEVELS IN EQUIP-  
MENT FOR THE CONTINUOUS POLYMERIZATION  
OF CAPROLACTAM Feb 62 [5]p.  
Order from OTS or SLA \$1.10 62-20028

Trans. of Khimicheskoe Volokna (USSR) 1961, no. 2,  
p. 23-24.

DESCRIPTORS: \*Fibers (Synthetic), Polymerization,  
Lactams, industrial equipment, Automatic, Control.

(Materials--Textiles, TT, v. 10, no. 7)

62-20028

- I. Title: Caprolactams
- I. Grishchenko, A. Z.
- II. Bezoosyak, U. L.

Office of Technical Services

Shevchenko, A. S., Konkin, A. A., and Serkov, A. T.  
EFFECT OF POLYETHYLENE GLYCOLS ON VISCOSE  
FIBER FORMATION (Vliyaniye Poliztilenglikolei na  
Protsess Formirovaniya Viskoznogo Volokna). 16 Oct 61  
[15]p. 20 refs.

Order from OTS or SLA \$1.60

62-14257

Trans. of Khimicheskie Volokna (USSR) 1961, no. 2,  
p. 29-33.

DESCRIPTORS: \*Synthetic fibers, Rayon fibers,  
\*Cellulose, Xanthic acids, Gels, Viscosity, \*Glycols,  
\*Ethylene.

The possibility of using polyethylene glycols with dif-  
fering degrees of polymerization (5 to 68 rkm) as  
modifiers during viscose fiber formation was investi-  
gated. It was shown that, by increasing the degree of  
polymerization of polyethylene glycol, the rate of xan-  
(Materials--Textiles, IT, v. 9, no. 4) (ovre)

62-14257

I. Shevchenko, A. S.  
II. Konkin, A. A.  
III. Serkov, A. T.

Office of Technical Services

Varnished Cellophane, by L. I. Speranskiy.

RUSSIAN, per, Khimiya Volokna, No 2, 1961, pp 35-37.

MLL M. 3527

Sci - Chem

Jul 62

204,833

Gel'perin, N. I. and Krokhn, N. G.  
FLOW OF VISCOUS LIQUIDS FROM SMALL  
SPINNING HOLES (SPINNERET). [21 May 63] [20]p.  
14 refs.  
Order from OTS or SLA \$1.60 63-18280

Trans. of Khim[ischekie] Volokna (USSR) 1961, no. 2,  
p. 40-46.

DESCRIPTORS: Textile industry, \*Viscose, \*Cellulose  
acetates, Liquids, Solutions, \*Fibers (Synthetic),  
Fluid flow, Water, Minerals.

The behavior of viscose and cellulose acetate solutions  
used for producing synthetic fibers, which are spun by  
the flow of these solutions through spinnerets, was  
investigated. In order to compare the experimental  
data, the flow of water and mineral oil through the  
same spinneret was also investigated.  
(Materials--Textiles, TT, v. 10, no. 11)

63-18280

I. Title: Spinneret  
I. Gel'perin, N. I.  
II. Krokhn, N. G.

Office of T



(SF-1879)

On Chemical Fiber Quality, 6 pp.

RUSSIAN, per, Khim Volokna, No 3, 1961, pp 1-2.

JPRS 10518

Sci - Chem

*172,852*

Oct 61

A Study of the Properties of Polyacrylonitrile  
Solutions, by N. M. Beder, A. B. Pakshver.

RUSSIAN, per, Khimicheskiye Volokna, No 3,  
1961, pp 21-24.

NLL M. 3570

Sci - Chem

207,566

Aug 62

Palladov, S. S. and Sklyannikov, V. P.  
A TESTING MACHINE FOR DETERMINING THE  
CREASE-RESISTANCE OF FIBER, YARN, AND  
FABRIC. [1962] 4p.  
Order from ATS \$7.55                      ATS-10P61R

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 3,  
p. 48-49.

DESCRIPTORS: \*Fibers, \*Threads, \*Textiles, Test  
equipment, Machines.

*CSIRO no 6974*

(Materials--Textiles, TT, v. 8, no. 4)

62-17762

I. Palladov, S. S.  
II. Sklyannikov, V. P.  
III. ATS-10P61R  
IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Malafeev, G. A.

INFLUENCE OF THE CHIMNEY BLOWING CON-  
DITIONS ON THE QUALITY OF CAPRON FILA-  
MENT. [1963] 9p.

Order from ATS \$9.50

ATS-13Q70R

Trans. of Khimicheskie Volokna (USSR) 1961, no. 3,  
p. 63-67.

DESCRIPTORS: \*Filaments, \*Fibers (Synthetic).

(Materials--Textiles, TT, v. 10, no. 7)

63-17750

1. Title: Chimneys
2. Title: Capron
- I. Malafeev, G. A.
- II. ATS-13Q70R
- III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Krainova, K. M. and Lomako, A. V.  
NEW PROCESS FOR CLEANING STEEL SPINNING  
SPINNERETS. [1963] 2p.  
Order from ATS \$2.00

ATS-12Q70R

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 3,  
p. 68.

DESCRIPTORS: \*Steel, Cleaning, Textiles.

(Materials--Textiles, TT, v. 10, no. 6)

63-17748

1. Title: Spinneret
- I. Krainova, K. M.
- II. Lomako, A. V.
- III. ATS-12Q70R
- IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Kudryavtsev, G. I., Matyash, T. A. and others.  
HYDRAZIDATION OF POLYACRYLONTRILE FIBERS. 25 July 62 [17]p. 6 refs.  
Order from CTS or SLA \$1.60 62-18969

Trans. of Khimicheskie Volokna (USSR) 1961, no. 4,  
p. 13-19.

DESCRIPTORS: \*Acrylonitrile polymers, \*Fibers  
(Synthetic), \*Hydrazines, Chemical reactions, Dyes,  
Synthetic fibers, Fibers.

The reaction of hydrazine hydrate with an acrylonitrile-methyl acrylate copolymer was studied under heterogeneous conditions, using a 50% alcoholic solution of hydrazine hydrate and pure hydrazine hydrate. It was found that the optimum conditions for forming hydrazide and other basic groups in the copolymer, which make it dyeable with acid dyes, are treatment with al-  
(Chemistry--Organic, IT, v. 9, no. 7) (over)

62-18969

I. Kudryavtsev, G. I.  
II. Matyash, T. A.

Office of Technical Services

Serkov, A. T., Kotomina, I. N., and Shubina, E. V.  
SURFACE PHENOMENA DURING THE FORMATION  
OF VISCOSE FIBERS. III (Issledovanie Poverkhnost-  
nykh Yavlenii pri Formirovani Viskoznykh Volokon).  
15 June 62 [8]p. (2 figs. omitted, foreign text included)  
4 refs.

Order from OTS or SLA \$1.10

63-10806

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 4,  
p. 33-34.

DESCRIPTORS: Surface properties, \*Deformation,  
\*Viscose, Fibers (Synthetic), Production, Extrusion,  
Nozzles, Velocity, Textiles, \*Fibers.

(Materials--Textiles, TT, v. 9, no. 12)

63-10806

I. Serkov, A. T.  
II. Kotomina, I. N.  
III. Shubina, E. V.

Office of Technical Services

62-20027

Gelperin, N. I. and Krokhn, N. G.  
DETERMINATION OF THE RESISTANT COEFFICIENTS  
IN THE MOVEMENT OF VISCOSE AND ACETYL  
CELLULOSE SOLUTIONS. May 62 [10]p. 5 refs.  
Order from OTS or SLA \$1.10 62-20027

I. Gelperin, N. I.  
H. Krokhn, N. G.

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 4,  
p. 37-41.

DESCRIPTORS: \*Fibers (Synthetic), Solutions,  
\*Cellulose, \*Acetyl radicals, \*Viscose, Motion,  
Resistance, Numerical analysis.

(Engineering--Chemical, TT, v. 9, no. 10)

Office of Technical Services



TT-63-22957

Vasil'ev, Yu. V. and Rogovin, Z. A.  
DEVELOPMENT OF A METHOD FOR THE EVALU-  
ATION OF THE THERMOMECHANICAL PROPERTIES  
OF FIBERS. [1963] 8p  
Order from ATS \$11.90                      ATS-54Q72R

Trans. of Khimicheskie Volokna (USSR) 1961, no. 4,  
p. 42-46.

DESCRIPTORS \*Fibers, (Synthetic) Mechanical  
properties, Heat, Textile industry.

(Materials--Textiles, TT, v. 11, no. 10)

- I. Vasil'ev, Yu. V.
- II. Rogovin, Z. A.
- III. ATS-54Q72R
- IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

(NY-3000)

Progress in Chemical Fiber Production,  
3 pp.

RUSSIAN, per, Khim Volokna, No 5, 1961,  
pp 1-2.

JPRS 11556

USSR

Econ

Jan 62

178, 286

Zharkova, M. A., Rassolova, E. A. and others.  
THE COPOLYMERIZATION OF ACRYLONITRILE  
AND 2-METHYL-5-VINYLPYRIDINE IN AQUEOUS  
SODIUM THIOCYANATE SOLUTION. 18 Dec 61 [13]p.  
6 refs.

Order from OTS or SLA \$1.60

62-10723

Trans. of Khimicheskie Volokna (USSR) 1961, no. 5,  
p. 13-17.

DESCRIPTORS: \*Acrylonitriles, Methyl radicals,  
Vinyl radicals, Pyridines, Copolymerization, Sodium  
compounds, Thiocyanates, Solutions, \*Synthetic fibers,  
Fibers, Textile industry.

We studied a process for copolymerization of AN with  
MVP in concentrated NaCNS solution. It was estab-  
lished that the polymerization process depends on the  
pH of the medium. The copolymerization rate is higher  
(Materials--Textiles, T7, v. 7, no. 10) (over)

62-10723

I. Zharkova, M. A.  
II. Rassolova, E. A.

Office of Technical Services

Perukhov, B. V. and Terekhov, G. M.  
EFFECT OF POLYESTERIFICATION CATALYSTS ON  
SECONDARY PROCESSES DURING THE SYNTHESIS  
OF LAYSAN. [1962] 9p. 13 refs.  
Order from OTS or SLA \$1.10 62-14895

Trans. of Khimicheskie Volokna (USSR) 1961, no. 5,  
p. 24-27.

DESCRIPTORS: \*Polyethylene plastics, \*Phthalates,  
Synthesis, Esterification, Catalysts, Zinc compounds,  
Manganese compounds, Cobalt catalysts, Ethylenes,  
Glycols, Dehydration, Pyrolysis, Oxidation, Melting,  
Colors.

In choosing a catalyst for the synthesis of polyethylene  
terephthalate (PET), it is important to consider the de-  
gree of thermdestructive processes which are caused  
by the catalysts. Various catalysts of polyesterification  
(Materials - Plastics, T7, v. 9, no. 4) (over)

62-14895

I. Title: Laysan  
I. Perukhov, B. V.  
II. Terekhova, G. M.

Office of Technical Services

63-18294

NEkonova, E. A. and Myagkov, V. A.  
EFFECT OF THE CONDITIONS OF PREPARATION  
OF VISCOSE ON ITS TRANSPARENCY. [1963] [13]p.  
7 refs.

I. NEkonova, E. A.  
H. Myagkov, V. A.

Order from OTS or S.A. \$1.60 63-18294

Trans. of Khim[ische] Volokna (USSR) 1961,  
no. 5, p. 27-31.

DESCRIPTORS: \*Viscose, Iron, Sulfides, Cellulose,  
Surface-active substances, Amides.

The presence of dispersed air in viscose decreases its  
transparency. Dissolved air does not influence viscose  
transparency. A decrease in viscose transparency in  
the process of ripening is due to the presence of Fe in  
it which is gradually converted into sulfide. The  
presence of Ca also decreases the transparency, es-  
pecially when it is introduced into the dissolving pulp.  
(Materials--Textiles, TT, v. 10, no. 9) (over)

Office of Technical Services

SOME PROPERTIES OF CONCENTRATED SOLUTIONS OF  
POLYVINYL ALCOHOL, BY K. E. PEREPELKIN, G. V.  
KONSTANTINOVA.

RUSSIAN, PER, KHIM VOLOKNA, NO 6, 1961,  
PP 19-22.

NLL M. 3779

SCI - CHEM

OCT 62

214,739

Construction of Apparatus for the Continuous  
Kardation of Alkali Cellulose, by O. P. Rassolov,  
A. B. Pakshver.

RUSSIAN, per, Khim Volokna, No 6, 1961, pp 33-35.

MLL M 3895

Sci - M/M  
Mar 63

225,397

Polymer-like Conversion of Synthetic  
Fiber-forming Polymers. Aminolysis of  
Ester Groups in Polyacrylonitrile-Meth-  
ylmetacrylate, by G. I. Kudryavtsev,  
E. A. Rassoslova.  
RUSSIAN, per, Khimicheskie Volokna, No  
1, pp. 36-40.  
NTC 69-10651-11E

Sci-Mat  
July 69

386,796



63-18269

Veldeman, E. B. and Meos, A. I.

A METHOD OF REDUCING THE AMOUNT OF  
HYDROGEN SULFIDE RELEASED FROM THE COAG-  
ULATING BATH IN VISCOSE RAYON PRODUCTION.

[8 Feb 63] [11 p. 5 refs.]

Order from OTS or SLA \$1.60

63-18269

I. Veldeman, E. B.

II. Meos, A. I.

Trans. of Khim[icheskie] Volok[na] (USSR) 1961, no. 6,  
p. 39-41.

DESCRIPTORS: \*Rayon, \*Viscose, Production, Coagu-  
lation, \*Waste gases, Hydrogen compounds, \*Sulfides,  
Oxidation, \*Sodium compounds, \*Sulfites.

The influence of sodium sulfite on the variation of the  
amount of hydrogen sulfide given off under the direct  
effect of the coagulating bath on the viscose was studied.  
It was shown that the addition of 1-1.5% of sodium  
sulfite to the coagulating bath reduces the amount of  
hydrogen sulfide given off in the viscose rayon produc-  
(Materials-Textiles, TT, v. 10, no. 12) (over)

Office of Technical Services

63-10808

Balbakova, Z. V., Rozhanskaya, P. M., and Rogovin, Z. A.

THE PRODUCTION OF STAPLE FIBER FROM SOLUTIONS OF TRIACETYL CELLULOSE IN ACETIC ACID. 1 June 62, 8p. 3 refs.

Order from OTS or SLA \$1.10

63-10808

Trans. of Khim[icheskie] Volokna (USSR) 1961, no. 6, p. 46-48.

DESCRIPTORS: \*Filters, Production, \*Acetyl radicals, Cellulose compounds, \*Acetic acids, Mechanical properties, Fibers (Synthetic).

A method for producing triacetate staple fiber from acetic acid solutions of cellulose triacetate was developed and the main process parameters were established. The relation between process parameters and the physical and mechanical properties of the fiber was examined. (Author)

I. Balbakova, Z. V.  
II. Rozhanskaya, P. M.  
III. Rogovin, Z. A.

(Materials--Textiles, TT, v. 9, no. 12)

Office of Technical Services

Demonstrating Polyamide Resin During Production,  
by V. M. Kharitonov.

RUSSIAN, per, Khim Volokna, No 6, 1961, pp 56-57.

NIL M 8892

Sci - Chem  
Mar 63

~~SECRET~~

224,291

Method of Removing Polyamide Resin From Spinnerets,  
V. M. Kharitonov.

RUSSIAN, per, Khim Volokna, No 6, 1961, pp 58-59.

NLL M 8891.

Sci - Chem  
Mar 63

~~XXXXXXXXXX~~  
224,306

Monastyrenko, E. M. and Tochilina, L. P.  
LOSS OF STRENGTH BY TIRE CORD ON TWISTING.  
[7 Mar 63] 4p. 2 refs.  
Order from ODS or SLA \$1.10

63-18400

Trans. of Khimicheskie Volokna (USSR) 1961, no. 6,  
p. 66.

DESCRIPTORS: \*Tires, \*Viscose, \*Cordage, Filaments, Density, Humidity, Temperature, Stresses, Mechanical properties.

The loss of strength by tire cord in the twisting processes was found to diminish with increase of the linear density of the individual filaments making up the yarn. Increased relative humidity and temperature in the twisting room, as compared to the established standard, leads to an increase in the strength loss of cord yarn. (Author)  
(Materials - Rubber, TT, v. 10, no. 11)

63-18400

- I. Title: Twisting machine
- I. Monastyrenko, E. M.
- II. Tochilina, L. P.

Office of Technical Services

Production of No. 10.7 Kapsron Card, by  
L. M. Kalchinskaya, et al.

RUSSIAN, per, Khiz Volokna, No 1, 1962,  
pp 7-8.

WLL Ref: 5828.4 1962 (10095)  
(Loan)

Sect -  
USSR  
Econ  
Jul 63

238,377

Production of c.f. Kapron Without Pretwisting,  
by I. V. Gritakov.

RUSSIAN, par, Khim Volokna, No 1, 1962, pp 8-9.

MLJ. Ref: 5828.4 1962 (10094)  
(Loan)

Sci -  
Jul 63

238,374

Properties of Poly-(Ethylene Terephthalate-  
Ethylene Adipate)-Copolymer and Its Fibres,  
by B. V. Potukhov, S. N. Kondrasheva.

RUSSIAN, per, Khim Volokna, No 1, 1962, pp 55-60.

MLL Ref: 5823.4 1962 (.10093)  
(Loan)

Sci -  
Jul 63

42 B 39 / Fib R + J 559  
238, 281



Kharitonov, V. M. and Morgun, L. A.  
METHODS OF DEFINING THE PROPERTIES OF  
TITANIUM DIOXIDE SUSPENSIONS. [1964] 8p 2refs  
Order from OTS, SLA, or ETC \$1.10 TT-64-14809

Trans. of Khim[icheskie] Volokna (USSR) 1967, no. 2,  
p. 20-23.

(Chemistry-Physical, TT, v. 11, no. 11)

TT-64-14809

I. Kharitonov, V. M.  
II. Morgun, L. A.

Office of Technical Services

For a Further Acceleration in the Development of  
the Chemical Fiber Industry, 5 pp.

RUSSIAN, per, Khimicheskiye Volokna, No 3,  
1962, pp 2-3.

JPRS 15856

USSR  
Econ  
Nov 62

216,747

The Introduction of the New Technology and the  
Tasks of the Chemical Fiber Industry, by A. L.  
Borisov, 13 pp.

RUSSIAN, per, Khimicheskiye Volokna, No 3, 1962,  
pp 4-7.

JPRS 15856

216,748

USSR  
Econ  
Nov 62

The Main Trends of Scientific and Technical  
Development of the Chemical Fiber Industry in the  
Light of the Decisions of the 22nd Party Congress,  
by N. V. Mikhaylov, 8 pp.

RUSSIAN, per, Khimicheskiye Volokna, No 3, 1962,  
pp 8-9.

JPRS 15856

216.749

USER  
Econ  
Nov 62

The Latest Technique and Technology for Plants of  
the Seven-Year Plan, by S. L. Dich, 10 pp.

RUSSIAN, per, *Khimicheskiye Volokna*, No 3, 1962,  
pp 10-12.

JPRS 15856

USSR  
Econ  
Nov 62

216,744

Structural Characteristics of ~~KI~~ Polyacrylonitrile Fiber  
by A. B. Pakshver.

RUSSIAN, per, Khim Volok, Vol I, 1962, pp 22-24.

Possibly to Come From Contacts  
per 10 Dec 62 memo  
USIB INTERNAL USE ONLY

Sci - Chem  
Dec62

Tokareva, L. G. and others.  
THE LIGHT-RESISTANCE OF POLYPROPYLENE AND  
POLYPROPYLENE-BASED FIBERS. Communication  
no. 5 on the Processes and Mechanisms of Aging of  
Synthetic Fibers. 11 Oct 61, 9p. 9 refs.  
Order from OIS or SLA \$1.10 63-18291

Trans. of Khimicheskie Volokna (USSR) 1962, no. 3,  
p. 23-25.

DESCRIPTORS: \*Fibers (Synthetic), \*Polyethylene  
plastics, \*Propenes, Aging, Pyrolysis, Oxidation,  
\*Ultraviolet radiation, \*Photochemical reactions,  
Degradation, Theory, Physical properties, Mechanical  
properties, Stabilization, Additives, \*Phosphorus  
compounds (Organic), \*Phosphites.

The process of accelerated photo-degradation of poly-  
propylene and polypropylene-based fibers was inves-  
tigated and efficient stabilizers were found which  
(Materials--Textiles, TT, v. 10, no. 9) (over)

63-18291

I. Title: Polypropylene  
I. Tokareva, L. G.  
II. Title: Processes...

Office of Technical Services

Influence of the Properties and Structure of  
the Initial Kapron Yarns on the Properties  
of Elastic Yarns, by V. A. Usenko, et al.  
RUSSIAN, per, Khim. Volok., 1962, No III,  
pp 56-59.  
NLL 5828.4 1964 (10552) (On Loan)

Aug 65

286,417



<p>Kostrov, Yu. A. NEW TYPES OF CELLULOSE ACETATE STAPLE FIBER. [1963] 7p. 12 refs. Order from OTS or SLA \$1.10                      63-18279</p> <p>Trans. of Khim[ische] Volokna (USSR) 1962, no. 4, p. 1-3.</p> <p>DESCRIPTORS: *Fibers (Synthetic), *Cellulose acetates, Hydrates, Acetylation, Physical properties, Mechanical properties.</p> <p>(Materials--Textiles, IT, v. 10, no. 11)</p>	<p>63-18279</p> <p>I. Kostrov, Yu. A.</p> <p>Office of Technical Services</p>
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Kremnev, O. A. and others.  
RAPID DRYING OF ARTIFICIAL SILK (VISCOSE  
RAYON) IN CAKE FORM. [1963] [13]p. 7 refs.  
Order from OTS or SLA \$1.60 63-18270

Trans. of Khim[icbeakle] Volokna (USSR) 1962,  
no. 4, p. 37-41.

DESCRIPTORS: \*Fibers (Synthetic), \*Viscose,  
\*Rayon, Driers (Apparatus).

A new uniform drying method is proposed which includes the use of air as a drying agent; zones in the drier with special preparation and circulation of the heat carrier; maintaining the certain specified conditions in the drier; circulation of air around both the internal and external cake surfaces by using hollow tubes or grids for holding the cakes in the carriers; and the use of optimal aerodynamic conditions (Materials--Textiles, TT, v. 10, no. 9) (over)

63-18270

I. Kremnev, O. A.

Office of Technical Services

Polyonic: Philippines, by A. A. Konkin.

FUESTAN, for, China Volcanic, No 5, 1962, pp 5-15.

NLL Ref: 5828.4 1963 (10 377)  
(Loan)

Sci - 11/1  
Oct 63

Machines for Spinning Kapron Fibre, by ~~XXXXXXXXXXXXXX~~  
O. N. Nizhbitskii.

RUSELANI, per, Khita Volokna, No 5, 1962, pp 37-44.

NLL Ref: 5828.4 1963 (10 373)  
(Loan)

Sci - M/M  
Oct 63

Micro-Apparatus for Spinning Fibre, by  
O. I. Machinist.

RUSSIAN, paper, Khim Volokna, No 5, 1962, pp 45-46.

NLL Ref: 5828.4 1963 (10 374)  
(Loan)

NLL Ref: 5828.4 1963 (5473) (2/21/63)

Sci - 11/1  
Oct 63

Краткие Физики With Non-Circular Cross-Section, by  
V. M. Kikvidze.

RUSSIAN, per, Kvant Volokna, No 5, 1962, pp 49-51.

MLL Ref: 5828.4 1963 (10 375)  
(Loan)

Sci - M/M  
Oct 68

Melt Dyeing of Kapron, by V. I. Malboroda.

RUSSIAN, per, Khim Volokna, No 5, 1962, pp 52-54.

NLL Ref: 5828.4 1963 (10 376)  
(Loan)

Sci - M/M  
Oct 63

PROSPECTS FOR THE GROWTH OF THE PRODUCTION AND  
UTILIZATION OF CHEMICAL FIBERS, BY G. YE.  
BIRGER, YE. P. IVANOVNA, ET AL, 12 PP.

RUSSIAN, PER, KHIMICHESKIYE VOLOKNA, NO 6,  
DEC 1962, PP 2-6.

JPRS 18114

USSR  
ECON  
MAR 63

225,077



Spinning of Fibres From Modified and Non-Modified Viscoscs in Baths Containing Zinc Ems Sulphate. Sixteenth Report on the Spinning of Viscose Filaments, by G. Klars, et al.

RUSSIAN, per, Khim Volokna, No 6, 1962, pp 14-21.

HLI Ref: 5888.4 1963 (5 336)  
(Loan)

Sci - Chem, M/M  
Aug 63

343,402

Denisova, M. V. and Sergeev, Yu. V.  
IMPROVING THE PROPERTIES OF VISCOSE CORD  
IN THE TWISTING PROCESS. [15 Nov 63] [7p]  
Order from OTS, SLA, or ETC \$1.10 TT-64-10985

Trans. of Khim[icheskie] Volokna (USSR) 1962, no. 6,  
p. 25-27.

Materials--Textiles, TT, v. 12, no. 2

TT-64-10985

I. Denisova, M. V.  
II. Sergeev, Yu. V.

Office of Technical Services

Sokolova, V. A. and Kostrov, Yu. A.  
THE EXPEDIENCY OF ACCELERATING THE DE-  
VELOPMENT OF CELLULOSE ACETATE FIBER PRO-  
DUCTION. [4 Nov 63] 8p 12refs  
Order from OTS, SLA, or ETC \$1.10 TT-64-10859

Trans. of Khimicheskie Volokna (USSR) 1962, no. 6,  
p. 28-30.

(Materials--Textiles, TT, v. 12, no. 1)

TT-64-10859

I. Sokolova, V. A.  
II. Kostrov, Yu. A.

Office of Technical Services

Continuous Drying and Packing of Viscose Tow,  
by B. T. Abovskiy, B. A. Smykova.

RUSSIAN, per, Khim Volokna, No 6, 1962, pp 53-55.

NLL(LOAN)Ref: 5828.4 1963 (5441)

Sci-M/M  
April 64

Muromova, R. S. and Sharapova, I. A.  
THE EFFECT OF TEREPHTHALIC ACID ON THE  
RATE OF TRANSESTERIFICATION BETWEEN  
DIMETHYL TEREPHTHALATE AND ETHYLENE  
GLYCOL. [Jan 64] 9p  
Order from ATS \$9.75                      ATS-10Q74R

Trans. of Khim[ischekie] Volokna (USSR) 1963, no. 1,  
p. 19-23.

DESCRIPTORS: Ethylenes, Glycols, \*Phthalates,  
Methyl radicals, Esterification, \*Terephthalic acid.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-64-12400

I. Muromova, R. S.  
II. Sharapova, I. A.  
III. ATS-10Q74R  
IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

Investigation of Viscose Viscosity, by G. V. Vinogradov.

MISCELLAN, part, Khim Volokna, No 1, 1963, pp 33-38.

MLL Ref: 5823.4 1963 (1 303)  
(Loan)

Sci M/M  
Oct 63

Variation in Viscose Viscosity During Preparation for Spinning, by E. A. Pakshver.

RUSSIAN, part, Khim Volokna, No 1, 1963, pp 33-41.

ILL Ref: 5828.4 1963 ~~RUSSIAN~~  
(Loan) (5 354)

Sci - M/M  
Oct 63

The Development of Methods for Increasing the Fastness  
to Light and Heat of Cellulosic Fabrics, by  
A. D. Viazovik.

RUSSIAN, Eng., Khim Volokna, No 1, 1963, pp 47-50.

ILL Ref: 5828.4 1963 (9 340)  
(Loan)

Sci - M/M  
Oct 63



Some Factors Affecting the Pressing of Alkali  
Cellulose, by Yu. L. Bezusynk.

RUSSIAN, per, Khim Volokna, No 1, 1963, pp 60-63.

NLL Ref: 5828.4 1963 (5 348)  
(Loan)

Ccl - 11/11  
Oct 63

Chubukov, A. A., Ivanov, A. V., and Chernagorov,  
L. L.  
CLEANING OF SPINNERETS DURING THE PRODUCTION OF VISCOSE FIBERS (Ochistka Fil'ev pri Proizvodstve Viskoznogo Volokna). [31 May 63] [5] p. 2 refs.  
Order from OTS or SLA \$1.10 63-18376

Trans. of Khim[icheskie] Volokna (USSR) 1963, no. 1,  
p. 69-70.

DESCRIPTORS: \*Fibers (Synthetic), \*Viscose, Production, Industrial equipment, Cleaning.

An apparatus for the ultrasonic washing of spinnerets is described.

(Materials--Textiles, TT, v. 10, no. 9)

63-18376

- I. Title: Spinneret
- I. Chubukov, A. A.
- II. Ivanov, A. V.
- III. Chernagorov, L. L.

Office of Technical Services

Obtaining Polymers by the Method of Interphasal  
Condensation, by N.V. Mikhaylov, V.I. Mayboroda.  
10 pp.  
RUSSIAN, per. Khimicheskiye Volokna, No 2, 1963,  
pp 19-22. P100011966  
FTD-TT-65-1898

Sci/Chemistry  
Sep 65

309,352

Evaluation of Polydispersity of Kinet  
Viscous From Viscosity Measurement, by  
H. A. Pakshver, G. V. Vinogradov.

RUSSIAN, per, Khina Volokna, No 2, 1963,  
pp 25-29.

ILL. Ref: 5028.4 1963 (5398) (Loan)

Sci - Chem  
Feb 64

OTB T7-64-1287  
248,617

Determination of Viscose Filterability With  
a Microscope, by S. G. Senyushova.

RUSSIAN, per, Khim Volokna, No 2, 1963,  
pp 57-58.

MLL Ref: 5828.4 1963 (5396) 3 (Loan)

Sci - Chem  
Ext Feb 64

248,618

RECENT DEVELOPMENTS IN CHEMICAL FIBER TECHNOLOGY,  
BY A. N. VOLKOV, 9 PP.

RUSSIAN, PER, KHIM VOLOKNO, NO 3, 1963, PP 5-8

JPRS 20781

USSR  
ECON  
AUG 63

342,834

Studying the Process of Extracting Polyacrylonitrile Fibers, by T.Ya. Grishina, E.A. Pakshever, et al.  
RUSSIAN, per. Khimicheskiye Volokna, No 3, 1963,  
pp 9-11. P100020766  
FTD-TT-65-1897

Sci/Materials  
Sep 66

309,396

Modification of Polypropylene Fibers, Tissues  
and Textures by the Adoption of Acrylonitrile,  
by Z. Manyasok, N. Nichko, et al. 19 pp.  
RUSSIAN, per, Khimicheskiye Volokna, No 3, 1963,  
pp 20-24. P100020766  
FTD-TT-65-1897

Sci/Materials  
Sep 66

309,397



A Study of the Polycondensation Process in the  
Manufacture of Poly(Ethylene Terephthalate),  
by V. A. Myagkov, L. P. Repina.  
RUSSIAN, per, Khim Volokna, No 3, 1963,  
pp 25-30.  
ATS-4852

Sci  
Dec 68

368,725

The Effect of Several Factors on the  
Formation of the Jet in Viscose Extrusion,  
by A. T. Serkov, E. C. Cherkasova. 15 p.  
RUSSIAN, per, Khimicheskie Volokna, No 3,  
1963, pp 32-37.  
SLA TT-66-10562

Sci-M&M  
Jul 66

306,041

Determination of Crimp in Synthetic Staple Fibres,  
by N. B. Desina & M. V. Kasakova.  
RUSSIAN, per, Khim. volokna, Vol 3, 1963, pp 55-57.  
MLL Ref: 5828.4F (7029)

Sci/Behav & Soc Sci  
Feb 68

349,637

Vinylene Carbonate and its Polymers, by  
S.S. Skorokodov.  
RUSSIAN, per Khim. Volokna, No. 4, 1963,  
pp 1-4  
GB 256/T. 1649

Sci -  
Aug 67

338-412

Electrophysical Properties of Viscose Fibres,  
by I Eifer, E. Berner.  
RUSSIAN, per, Khimicheskie Volokna, No. 4, 1963,  
pp 45-49  
CSIRO/No. 6916

*I. EIFER*

Sci -  
Aug 67

335-744

Examination of a Carbon Disulphide Recovery  
Plant, by B. Ya. Barochkina.

RUSSIAN, per, Khim Volokna, No 4, 1963,  
pp 69-75.

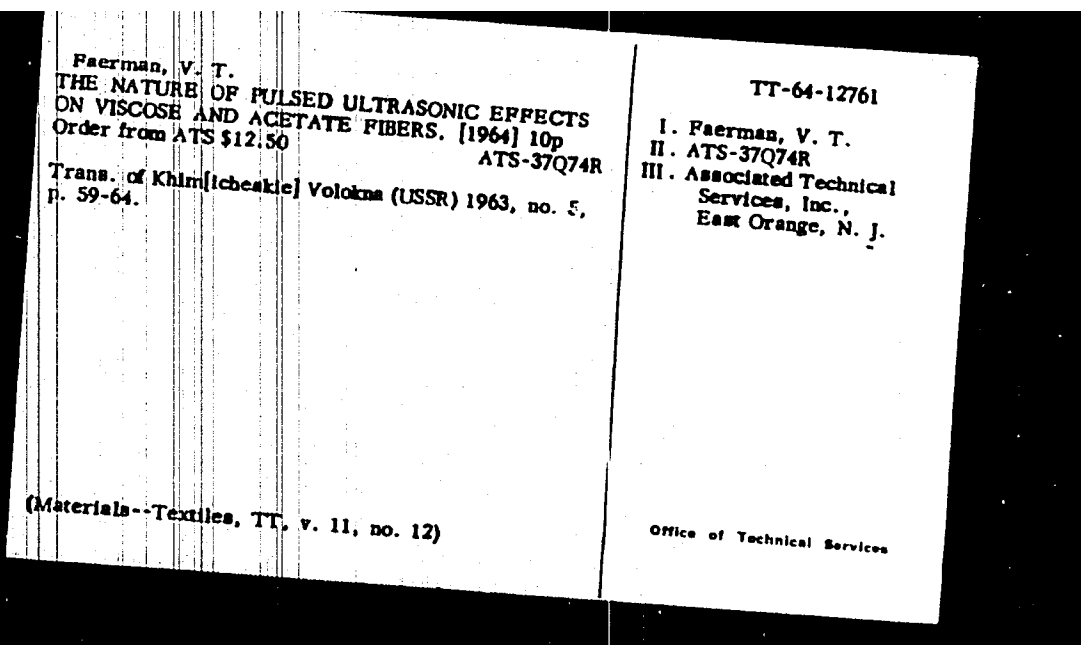
NLL Ref: 5828.4 1964 (5470) (loan)

May 64

Flexural Strength of Tyre Cord,  
by E. Nemchenko and N. V.  
Denisenko.  
RUSSIAN, per, Khim Volok, 1963,  
No V, pp 55-59.  
NLL 5828.4 1964 (10,550) (On Loan)

Aug 65

286,421



Faerman, V. T.  
THE NATURE OF PULSED ULTRASONIC EFFECTS  
ON VISCOSE AND ACETATE FIBERS. [1964] 10p  
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