

Fifty Megaton Failure, 4 pp. UNCL

NORWEGIAN, per, Farnand, 21 Oct 1961.

FDD/J-1199/61

RUSSR

HoEur - Norway

Pol - Mil

Nov 61

174, 179

The USSR and Norway, by N. P. Zarendo, 6 pp. UNCL

NORWEGIAN, per, Farmand, 21 Oct 1961.

FDD/J-1199/61

USSR

NoEur - Norway

Pol - Mil

Nov 61

174,177

(DC-656A)
4

The Past Year, by Orbiter, 8 pp.

NORWEGIAN, per, Farmad, No 54, 23 Dec 1961,
~~XXXXXX~~ pp 5-9.

JPRS 12427

NOEUR - NORWAY
Pol
Feb 62

125,053

(DC-6564)

Racial Discrimination in the USSR, 3 pp.

NORWEGIAN, per, Farmans No 54, 23 Dec 1961,
pp 105, 107.

JPRS 12427

USSR
Sec
Feb 62

185,054

J-50/62

The Big Objective - World Communism, (DC-6564)
NORWEGIAN, per, Farmand, No 54, 23 Dec 1961, p 114.

*JPRS

USSR
Pol
23 Jan 62

J-723/61

(DC-6116)

Conflicting Interpretations of Peaceful
Coexistence, by Orbiter,

NORWEGIAN, Farmand, No 6, pp 14, 15.

*JPRS

USSR

Pol

22 Jun 61

J-1021/63

Soviet-Chinese Split.

NORWEGIAN, np, ~~Aftenposten~~, 16, 17 Jul 1962, 2 clippings;
per, Farmand, No 13/7, pp 14, 15.

*JPRS/DC-8779
Special

USSR
Pol
F~~B~~ - China
Pol
Aug 63

(NY-2837).

XXI Extraordinary Congress of the CPSU, 6 pp.

BULGARIAN, per, Farmatsiya, No 2, Sofia, 1959,
pp 3-7.

JPRS-L-971-N

ESur - Bulgaria
Soc
Sep 59

97,150

(DC-5043)

Pharmacological Study of Certain Bulgarian Alkaloidal
Plants, by L. Daleva, Zh. Sheikova,

BULGARIAN, per, Farmatsiya, Vol X, No 1, 1960,
pp 15-17.

*JPRS

Sci - Med
16 Dec 60

(DC-5043).

The Obtention of Extracts From Cheiranthus Cheiri L.
and Tropaeolum Majus L., and the Experimental Study
of Their Effects on Blood Pressure and Respiration,
by V. Petkov, M. Penova, 4 PP.

BULGARIAN, per, Farmatsiya, Vol X, No 1, 1960,
PP 23-27.

JPRS 6575

137,685

Sci - Med
24 Jan 61

(DL-5044)

Activity of the Scientific Research Institute for Pharmacy (NIIF), by L. Tomasini, *3 pp.*

BULGARIAN, per, Farmatsiya, Vol X, No 2, 1960, pp 26-28.

o *JPRS 6606

Sci - Med
16 Dec 60

(12-5044)

Organization of Effective Scientific and Technical
Information and Documentation for Pharmacy, by T.
Trandafilov, Liub. Ionchev, 5 pp.^h

BULGARIAN, per, Farmatsiya, Vol X, No 2, 1960,
pp ~~26-28~~. 25-30

*JPRS 6606

Sci - Med
16 Dec 60

(NY'-10)

PROFESSOR DIMITUR DALEV, 60 YEARS OLD,
5 PP.

BULGARIAN, PER, FARMATSIYA, VOLXI, NO 1,
1961, PP 3-4.

JPRS 12585

EUR - BULGARIA
BIOGRAPHIS
MAR 62

183,186

(NY-10)

THE THIRD NATIONAL CONFERENCE OF THE SCIENTIFIC
PHARMACEUTICAL SOCIETIES OF BULGARIA,
7 PP

BULGARIAN, PER, FARMATSIYA, VOL XI, NO 5,
1961, PP 3-5.

JPRS 13105

SCI - MED
MAR 62

188,773

Preparation of Nitriles by the Lead
Thiocyanate Method, by B. Chemishev.
BULGARIAN, per, Farmatsiya, Vol 14, No 6,
1964, pp 22-26.
NLL Ref 5828.4F (12938)

Chem
July 69

385-359

In Vitro Culture of Isolated Roots of
Androcymbium Gramineum (Cav.) McBride, by M.
Bausa.
SPANISH, per, Farmacognosia, Vol. 21, No. 60,
1961, pp 71-92
NZDLA

Sci -
Aug 67

335-754

The Spinning and Drawing of Polycondensate
Filaments. 1, by W. Koch and R. Schroth
GERMAN, per, Faserforschungs, Vol 11, 1960,
312-319.
NLL Ref: 5828.4F (7127)

Sci-Materials
July 68

361,023

On the Cord Strain in Tires, by W. F. Kern.
GERMAN, per, Faserforschung und Textiltechnik,
Vol 11, No 9, 1960, pp 401-408.
NTC 71-14180-11E

Feb 72

Setting of Polyester Fibres by Swelling, by
E. Wunsch, E. Schuller.
GERMAN, per, Faserforschung und Textiltechnik,
CSIRO/No. 7283

Sci -
Jul 67

334,850

On the Possibility of Electrolytic Rubberizing of
Fabrics With Latex. (Preliminary Paper), 2 pp.

GERMAN, per, Faserforsch, Vol IV, 1924, pp 124-129,

SLA 2878

Sci
May 58

63,733

Stresses Acting on the Cord in Tyres (1)., by
W. F. KERN,

GERMAN, per, Faserforschung, Vol XI, ~~pp 401-408~~
1961, pp 401-408

GB/121

Sci
Dec 62

On the Pharmacological and Physiological Effect
of ϵ -caprolactam, by Friedrich Rohensee, 8 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol II, 1951, pp 299-303.

S.L.A. Tr No 259/1955

SLA 50-1077

HH, 922

Sci - Medicine
Jan 1957 CTS/dex

Questions Concerning the Bonding of Textile Material
With Natural and Synthetic Rubber, by S.
Wolf, 16 pp.

GERMAN, per, Faserforsch u Textiltech, Vol II, No
18, 1951, pp 409-418.

SLA Tr 1986

Sci - Chem, synthetic yarn
Jul 57

50, 044

Molecular Weight and Viscosity of Polyamino Acids:
by Fritz Loepelmann, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol III, No 2, 1952, pp 58-66.

SLA 59-15930

Sci -
Dec 59
Vol 2, No 4

102,773

The Ripening Mechanism of Viscose, by A. Matthes,
25 pp.

GERMAN, per, Faserforschung und Textiltechnik,
1952, Vol III, No 4, pp 127-141.

ELA 59-10151

Sci - Chem
OTS I, 12
Jul 59

92, 259

The Rheology of High Polymer Solutions, Part 1.
General Principles. [1959] 7 pp, by Kurt
Edelmann

GERMAN, Fer , Faserforschung und Textiltechnik,
1952, Vol III, No 9, pp 341-344.

SLA 59-15318

Sci
Nov 59
Vol 2, No 3

101,049

(FDD 20395)

The Most Important Physical Properties of Perlon
Silk, (Germany), by Dr Ing Hans Bohringer,
29 pp.

GERMAN, mo per, Faserforschung und Textiltechnik,
No 10, Berlin, Oct 1952, pp 381-390.

CIA/FDD/U-5978

WEur - Germany
Sci - Chemistry, industrial
Econ - Textile industry

16,546

COPYRIGHT

The Rheology of Solutions of High Polymers,
Part 3, Structural Viscosity Measurements on
Solutions of Polymers For Synthetic Fibers,
by Kurt Edlmann, 17 pp.

GERMAN, For, Faserforschung und Textiltechnik,
1952, Vol III, No 10, pp 412-417.

SLA 59-15317

Sci
Nov 59
Vol 2, No 3

10,050

(FDD 20396)

Binder Twine From Glass Fibers, by Prof Dr Ing
Walter Frenzel, Dr Ing Wolfgang Bobeth, 30 pp.

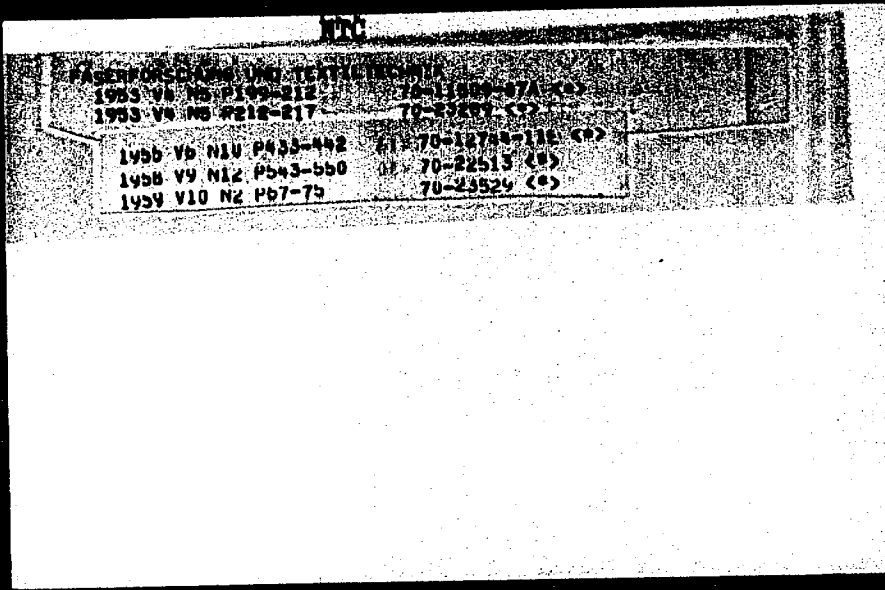
GERMAN, no per, Faserforschung und Textiltechnik,
No 11, Berlin, Nov 1952, pp 440-449.

CIA/FDD/U-6034

WEur - Germany
Sci - Chemistry, industrial
Econ - Textile industry

18,146

+



Moths and Non-Wollen Textileks, by S.
Wolf.

GERMAN, per, Faserforschung und Textil,
Vol IV, 1953, pp 417-437.

CSIRO N 3398

~~XXXX~~
Ecur - Econ
Feb 642

186, 655

A New Process for the Production of Terephthalic Acid Dimethyl Ester from Toluol,
by W. Griehl.

GERMAN, per, Faserforschung und Textil-
technik, Vol 4, 11, 1953, pp 464-469.

NTC 69-10660-07A

Sci-Chem
July 69

386,678

Fractionation of Synthetic Fiber Materials, by A. /
~~EMERSON~~ Gordijenko, 28 pp.

GERMAN, per, Faserforsch u Textiltech, Vol IV, 1953,
pp 499-507.

S.L.A. Tr 869/1956

39,048

Sci - Chemistry

TT-64-20436

Comments on Paper "Concentration-Viscosity
Curves as an Index of the Cross-Linking of
Perlon", by A. Matthes, 2 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol IV, No 12, ~~1953~~ 1953, pp 510, 511.

S.L.A. Trans 957

Sci - ~~Physics~~

Chemistry

29,893

The Polymerization of Acrylonitrile II. Acrylic
Fibers, by Hunyar, Andreas, H. Reichert, 22 pp.

GERMAN, per, Faserforsch u Textiltech, Vol V, 1954,
pp 1-8.

SLA Tr 2661

Sci - Chemistry
Feb 58

58,532

62-14270

Liebscher, Ulrich and Vocke, Wolfgang.
EFFECT OF MECHANICAL STRESSES ON SPIN-
NING POTS (Die Mechanische Beanspruchung der
Spinnböfpe). [1962] [27]p. (Foreign text included)
2 refs.
Order from SLA \$2.60

62-14270

Trans. of Faserforschung und Textiltechnik (Germany)
1954, v. 5, no. 1, p. 14-21.

DESCRIPTORS: *Industrial equipment, Mechanical
properties, Stresses, Mathematical analysis, *Tex-
tiles, Processing.

(Materials--Textiles, TT, v. 8, no. 3)

- I. Title: Spinning pots
- I. Liebscher, U.
- II. Vocke, W.

Office of Technical Services

The Rheology of Solutions of High Polymers.
Part 4. The Influence of Polymolecularity,
by Kurt Edelman, 13 pp.

GERMAN, *Faserforschung und Textiltechnik*,
1954, Vol V, No 2, pp 59-64

SLA 59-15319

Sci
Nov 59
Vol 2, No 3

10,051

The Mixed Polyamide Fiber Trelon, ~~by~~ 6 pp.

GERMAN, per, ~~Faserforsch u Textiltech, Vol V,~~
No 4, 1954, pp 171, 172.

SIA Tr 1971

Sci - Chem, synthetic yarn
Jul 57

50,042

Fiber Research and Textile Technology (Table of
Contents), 2 pp.

GERMAN, per, Faserforschung und Textiltechnik,
May 1954.

G-2, GSUSA G-3185

Table of Contents of "Fiber Research and Textile
Technology," 1 p. (ID 1277006). UNCLASSIFIED

GERMAN, per, Faserforschung und Textiltechnik,
Berlin, Sep 1954.

G-2, GBUSA G-4074 B

ESur - Germany
Economic

Apr 55 CTS/DEX

23,397

Textile Serviceability Tests v. Wear Tests
of Stockings, by H. Bohringer, F. Bolland.

GERMAN, per, Faserforschung und Textiltechnik,
Vol V, No 5, 1954, pp 193-203.

GB/256/T,295

Sci-Engr
Mar 63

225,287

<p>TESTING OF TEXTILES: MEASUREMENT OF THE CREASE RELAXATION ANGLE IN TEXTILE FABRICS, DRAFT DOK 53890 (CONTINUATION). [1961] 6p. (3 figs. omitted) 1 ref. Order from SLA m\$1.80, ph\$1.80</p>	<p>61-14003</p> <p>I. Textiles--Test methods I. Title: Measurement ... II. DOK-53890</p> <p>61-14003</p> <p>Partial trans. of <u>Handforschung und Textiltech</u>(ntk) (Germany) 1954, v. 5, no. 6, p. 269-270.</p> <p>148757</p> <p>Office of Technical Services</p> <p>(Materials--Textiles, TT, v. 5, no. 12)</p>
---	--

The Reworking of Polyamide (Perlon, Nylon,
and Trelon) Wastes by the Depolymerization-
Filtration Method, by Hermann Ludewig, Karl
Frosber, 20 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol 5, No 7, 1954, pp 277-284.

SLA 59-15783

Sci
Dec 59
Vol 2, No 4

102,720

Potentiometric Investigations of Viscose Solutions.
II. Communication on the Analytics of Viscose, by
Berkart Philipp, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol V, No 8, 1954, pp 337-347.

SLA 59-17023

Sci
Jan 60
Vol 2, No 7

104, 822

Identification and Isolation of Skin of
Polyamide Fibers, by Karl Schwertasek, 12 p.

GERMAN, per, Faserforsch Textiltech, 1954, Vol V,
No 11, pp 493-497.

SLA 59-20825

Sci
Apr 60
Vol III, No 2

113,571

The Structure of Polyamide Fiber, by Karl
Schwertassek, 22p.

GERMAN, per, Faserforsch Textiltech, 1955, Vol VI,
No 2, pp 45-53.

SLA 59-20824

Sci
Mar 60
Vol 3, No 1

110,972

A Contribution to the Molecular Weight Distribution
in Polycondensation Products A Lecture Given
at the Conference on "Fibres from Synthetic High
Polymers" Held in Berlin on 1st April 1955, by W.
Griegel.

GERMAN, par, Faserforsch u Textiltech, Vol VI. No 6,
1955, p 260 268

ASLIB-GB39

Sci

Jul 59

92,695

A Comparison of CO-Polyamide Fibers of the
Trelon Group with the Polyamide (Perlon, Nylon)
and Polyester Fibers, by H. Ludewig, 21 pp.

ⁱ
GERMAN, per, Faserforsch u Text,iltech, Vol VI,
No 6, 1955, pp 277-288.

SLA Tr 57-1794

Sci

Jul 58

67,974

New Methods in the Manufacture of Carbon
Disulphide, by A. Wilke.

GERMAN, per, Faserforsch u Textiltech, Vol
VIII, Sep 1955, pp 341-350.

ASLIB-GB121

Sci

Aug 53

71,661

The Abbreviated Procedures of Viscose Man⁸
ufacturing, by W. Matthaes, 6 pp.

GERMAN, per, Faserforsch u Textiltech, Vol¹
VI, No. 9, 1955, pp 398-401.

SIA Tr 57-1792

SLF 60-16765

Sci

Jul 58

67,976

Kinetics of the Reaction of Carbon Disulfide
With Caustic Soda. Part I, by B. Philipp.
GERMAN, per, Faserforschung und Textiltechnik,
Vol 6, No 10, 1955, pp 433-442.
NTC-70-12744-11E

ASLIB - 5B 121

Feb 72

Kinetics of the Reaction of Carbon Disulphide With
Caustic Soda. Part II., by B. Philipp.

CERMAN, per, Faserforsch u Textiltech, pp 509-620,
Nov 1955.

ASLIB-CB121

Sci - Chem
Aug 58

70,417

The Evolution of Formaldehyde during Ironing
of Crease-Proofed Fabrics, by W. Vauck.

GERMAN, per, Faserstofftech u Textiltech, Vol
V, Sep 1955, pp 529-531.

ASLIB-GB121

Sci

Aug 58

71,660

PHILIPP, B.
ASLIB-GB121. Kinetics of the reaction of carbon
disulphide with caustic soda. Pt. 2. Faserforsch. u.
Textiltech., p. 509-620, Nov. 1955.

<p>Sommer, H. PHYSICAL CHANGES IN TEXTILES DUE TO ENVIRONMENTAL INFLUENCE (Eigenschaftsänderungen der Textilien durch Umwelteinflüsse) tr. by D. A. Sinclair. 1960, 49p. 36 refs. Technical trans. 917. Order from NRCC \$2.50 NRCC C-3517</p>	<p>61-12633</p>
<p>Trans. of Easerforsch[ung] u[nd] Textiltech[nik] (Germany) 1956, v. 7, no. 1, p. 1-13.</p>	<p>1. Textiles--Mechanical properties 2. Textiles--Temperature factors I. Sommer, H. II. NRCC TT-917 III. NRCC C-3517 IV. National Research Council of Canada</p>
<p>151492</p>	<p>Office of Technical Services</p>
<p>(Materials--Textiles, TT, v. 5, no. 8)</p>	

<p>Frenzel, Walter and Kuntze, Rolf. AUTOMATIC TWIST COUNTER. (Automatischer Drehungszähler) 20 June 56 [30]p. 25 refs. Order from SLA \$2.60 61-16586</p> <p>Trans. of Faserforschung und Textiltechnik (Germany) 1956, v. 7 [no. 2] p. 53-63.</p> <p>DESCRIPTORS: Automatic, *Threads, Processing, Textiles, Fibers, Industrial equipment.</p> <p>After a review of the known twist testing methods, a new automatic twist tester is described, which is based on the thread tension change by twisting. The evaluation of the plots obtained is explained, and some examples of the application to different yarns are shown. (Author)</p> <p>(Materials--Textiles, TT, v. 6, no. 6)</p>	<p>61-16586</p> <ol style="list-style-type: none">1. Title: Twist counter1. Frenzel, W.II. Kuntze, R. <p>176557</p> <p>Office of Technical Services</p>
---	---

The Solubility of Polyacrylonitrile. XIII,
Communication Concerning Acrylic Filaments,
by A. Hunyar and H. Reichert, 16 pp.

GERMAN, per, Faserforsch u Textiltech, Vol
VII, No 4, 1956, pp 165-170.

SLA Tr 57-1955

Sci

Jul 58

67,971

Experiments on Alkaline Polymerization of
 ϵ -Caprolactam, by Wolfgang Griehl, 10 pp.

GERMAN, per, Faserforsch und Textiltech, Vol VII,
1956, pp 207-212.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-281

Sci - Chemistry
May 1957 CTS/dex

437,661

IAC INTERNAL USE ONLY

Direct Spinning Processes[#] I, II, by W.
Grenzel and H. Stoever.

GERMAN, per, Faserforschung u Textiltechnik,
Jun-Jul 1956, pp 241-251, 297-305.

ASLIB-08112

Sci

Aug 58

72,500

Hager, Karl-Fried.
EXPERIMENTAL STUDIES OF AIR FRICTION IN
SPINNING POTS. [1962] [19]p. 33 refs.
Order from SLA \$1.60

62-14585

Trans. of Fase:forschung und Textiltechnik (Germany)
1956, v. 7, [no. 9] p. 339-345.

DESCRIPTORS: *Gas flow, Resistance, *Friction,
*Textile industry, Electric machinery, Mathematical
analysis.

The higher electrical energy requirement of pot spinning machines in contrast to the bobbin spinning process is principally caused by friction losses owing to the air flow at the wall of the pot. The air resistance of a spinning pot with and without a jacket was calculated and estimated by experiments. Formulas for the air resistance and experimentally determined coefficients were developed, which made possible a survey of the air friction losses of spinning pots of various dimensions for designing purposes. (Author)

62-14585

I. Title: Spinning pots
I. Hager, K. -F.

(Materials--Textiles, TT, v. 8, no. 9)

Office of Technical Services

Two Tested Arrangements for Measuring The
Electrostatic Charge on Moving Textile
Filaments, by Otto Lochmuller, 14 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VII, No 9, 1956, pp 408-412.

SLA 60-18394

196,253

Sci
Vol 4, No 10
May 62

Matthaes, Werner.

PRODUCTION OF VISCOSE LOW IN ALKALI. 1 Aug 59.

Sp. 7 refs.

Order from SLA \$1.10

61-16788

61-16788

I. Matthaes, W.

Trans. of Faserforschung und Textiltechnik (Germany)
1956, v. 7, p. 420-422.

DESCRIPTORS: *Cellulose, Textiles, Rayon fibers,
Processing, Chemical reactions.

Readily soluble xanthates which can also be dissolved
in water without lye addition and accordingly lead to
viscoses low in alkali are obtained if the alkali cellulose
is diluted with dissolving water shortly after CS₂ ad-
dition. Also alkali celluloses of a cellulose content of
20% and less lead to readily soluble xanthates when
xanthated. (Author)

180504

Office of Technical Services

(Materials--Textiles, TT, v. 6, no. 5)

The Influence of Various Spinning Conditions of
Drawing, by D. Natus, H. Seuer,

GERMAN, per, Faserforsch und Textiltechnik, Vol VII,
No 10, 1956, pp 468-476.

ATS 351-GJ

Sul -Glen

HTS-690590

Aug 60

123,332

Binary and Ternary Copolymerizates with Basic
or Acid Components for the Production of Acrylic
Fibers., by H. Reichert and A. Runyar, 39 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VII,
No 12, 1956, pp. 546-556.

SLA Tr 57-1993

Sci

Jul 58

67,977

Influence of the Spinning Speed on the Drawing
of Perlon Yarn, by Horst Sauer, 7 p.

GERMAN, per, Faserforschung und Textiltechnik,
1956, Vol VII, No 12, pp 561-564.

SLA 59-17400

Sci
Jan 60
Vol 2, No 8

105,520

**The Kinetics of Xanthate Reaction of Cellulose.
Communication No 2. The Influence of Chemical
and Morphological Structure of Alkali Cellu-
lose on the Course of Fiber Xanthation, by
B. Philipp.
GHEMAN, per, Faserforschung und Textiltechnik,
Vol 8, No 2, 1957, pp 45-52.
NTC-69-12746-11E**

Sci-Mat
Sept 69

391,207

The Kinetics of the Xanthogenation of Cellulose,
Part III. Alkali Cellulose and Mixture of
 CS_2 and CO_2 , by Burkhardt Philipp, 13 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, No 3, 1957, pp 91-98.

SLA 59-10168

Sci - Chemistry
Sep 59
Vol II, No 2

98,648

Branched Polyacrylonitrile With the Aid of N. N'-
Methylene-bis-Acrylamide. 18th Report on Acrylic
Fibers, by A. Hunyar, E. Roth, 33 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VIII,
No 3, 1957, pp 99-108.

SLA 57-3396

ci
ug 59

94,533

Measurement of the Snarling Tendency of
Yarns and Doubled Yarns, by W. Frenzel,
K. H. Banke.
GERMAN, per, Faserfor. U. Textiltech.,
1957, pp 129-138.
GB/256?T.6D1

Sci -
Jul 67

334,762

Branched Polycrylonitrile Part II Comparative
Investigations on Normal and Branched Polycryloni-
triles, designed to Demonstrate Branching, by
A. Hunyar, E. Roth, 12 pp.

XIX, Acrylic
Fibers,

GERMAN, per, Faserforsch u Textiltech, Vol VIII, #
No 4, 1957, pp. 143-150.

ATG-88J18G
ATS-53-6J

Sci

Jul 59

92,696

Branched Polycrylonitrile. Part III. The Spinning
and the Textile Properties of Fibers from Branched
Polycrylonitriles, XX, ~~and~~ Acrylic Fibers, by ~~500~~
A. Hunyar, E. Roth, 10 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VIII,
No 5, 1957, pp 179-184.

ATS 15J180

Sci

Jul 59

92,697

TIRE
The Cord Testing, by W. Prenzel, W. Kittelmann,
17 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, No 6, 1957, pp 222-230.

SLA 59-10167.

Sci-Engr
Jun 59
OTB I, 10

89,714

Effect of Textile Assistants on the Dirt Absorption
of Textiles From Perlon Fibres. I, by A. Wicklein.

GERMAN, per, Faserforsch und Textil, Vol VIII, No 6,
1957, pp 230-239.

NRCC TT-841

Sci - Chemistry
Jan 61

136,420

Investigations on the Influence of the Average
Degree of Polymerization and the Concentration
of Cellulose in Viscose on Some Physical
Properties of Fibers of Regenerated Cellulose,
by H. Klare, 9 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, No 7, 1957, pp 262-267.

SLA 59-10165

Sci-Chem
Jun 59
OTS I, 10

89,713

A New Method for the Paper Chromatography
of Dispersed Dyes, by Jaroslav Janoushek,
5 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, 1957, pp 339-340. 9690552

DDC RSIC-102

Sci - Chem
Jan 64

248,844

Investigation of the Formation of Regenerated
Cellulose Filaments from Viscose, 2nd Report

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, pp 348-354. 1957

C.S.I.R.O.
Chief Librarian
SLA 61-16587

Sai

May 60

115,797

Stress in Perlon Filament in Cold-Drawing, by
D. Hatus,

GERMAN, per, Faserforsch und Textiltechnik, Vol V,
No 10, 1957, pp 431-434.

ATS 347-GJ

Sci - Chem

Aug 60

123,331

<p>Bobeth, Wolfgang and Kändler, Liselotte. THE IDENTIFICATION OF THE STATE OF FIXA- TION OF POLYAMIDE FIBER MATERIALS BY AID OF FLUORESCENCE MICROSCOPY. [1960] 11p. (3 figs. and refs. omitted). Order from SLA ml\$2.40, ph\$3.30 60-18425</p>	<p>60-18425</p> <ol style="list-style-type: none">1. Fluorescence--Applications2. Synthetic fibres-- Processing <ol style="list-style-type: none">I. Bobeth, W.II. Kändler, L.
<p>Trans. of <u>Faserforschung und Textiltechnik</u> (Germany) 1957, v. 8 [no. 1] p. 444-447.</p>	<p>143,043</p>
<p>(Materials--Textiles, TT, v. 5, no. 3)</p>	<p>Office of Technical Services</p>

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

Ziabicki, A.
SOME REGULARITIES IN SPINNING SYNTHETIC
FIBERS. Supplement to the report "Influence of the
Spinning Rate on the Stretching of Perlon Fibers [by
H. Sauer], 21 Feb 63, 10p. 7 refs.
Order from SLA \$1.10

63-18089

Trans. of *Faserforschung u[nd] Textiltechnik* (East
Germany) 1957, v. 8 [no. 11] p. 467-469.

DESCRIPTORS: *Fibers (Synthetic), Thickness, *Heat
transfer, Numerical analysis, Thermal radiation,
*Nylon, Polyamide plastics, *Rayon, Tensile
properties.

(See also 59-17400)

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

63-18089

1. Title: Spinning
2. Title: Perlon
- I. Ziabicki, A.
- II. Title: Influence ...
- III. Sauer, H.

Office of Technical Services

Sulphite Cooking of Wood in the Absence of
a Base, by Paul Schorning, 14 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, No 12, 1957, pp 487-494.

SLA 59-10166

Sci Chem
Jun 59
OTB I, 10

89,718

Continuous Polymerization of Acrylonitrile,
by J. Mintzer, M. Coman, 15 pp.

~~FROM GERMANY~~, per, Faserforsch u Textiltech,
Vol IX, No 1, 1958, pp 1-10.

ATS-874403
ATS-697-6J

Sci
Mar 62
Vol 4, No 4

187,762

Bettermann, Kurt.
THE POT SPINNING OF STAPLE FIBERS IN THE
DRY SPINNING PROCESS (Betrachtungen über das
Topfspinnen von Stapelfasern nach dem Trocken-
spinnverfahren). [1961] [23]p. 15 refs.
Order from SLA \$2.60

61-16594

Trans of Faserforschung und Textiltechnik (Germany)
1958, v. 9, no. 2, p. 67-75.

DESCRIPTORS: *Threads, Processing.

As basis for subsequent practical experiments, funda-
mental studies were made on the suitable type of spindle
and the most appropriate yarn doffing process. Further-
more, the technical and economic advantages of the
single or total doffing are compared and the operations
involved in the starting of the spinning and the correc-
tion of thread breaks as well as the possibilities of
automatization of pot spinning are treated. (Author)
(Materials--Textiles, TT, v. 6, no. 6)

61-16594

1. Title: Pot spinning
I. Bettermann, K.

176559

Office of Technical Services

Dependence of Tensile Strength of Filaments Upon ξ
Specimen Length. I. Theoretical Section, by A.
Sippel,

GERMAN, *ptt*, *Faserforsch u Textiltech*, Vol IX, No 5,
1958, pp 163-167.

AIS 172-GJ

Sci
Nov 59

100,392

On an Effective Process for the Addition of
TiO₂ in the Manufacture of Poly-caprolactam
Staple Fibers, by Ehrhardt Fritzsche, Geza Odor,
3 p.

GERMAN, per, Faserforschung und Textiltechnik,
1958, Vol. IX, No 2, pp 189-193.

SLA 59-17386

Sci
Jan 60
Vol 2, No 3

105517

Changes Brought About by Moisture in Some
Important Mechanical and Technological Properties
of Untreated and of Chemically Treated Wool, by
G. Nitschke.
GERMAN, per, Faserforschung und Textil, Vol IX,
No 6, 1958, pp 217-226.
CSIRO No 6588

EEur - Germany
Econ
Jun 64

261,275

<p>Griehl, Wolfgang and Versaumer, Heinz. ON THE SPINNING OF POLYCONDENSATE FIBERS AT HIGH SPEEDS OF DELIVERY (QUICK SPINNING). [1961] 12p. 6 refs. Order from SLA \$1.60</p> <p>Trans. of <u>Faserforschung und Textiltechnik</u> (Germany) 1958, v. 9, no. 6, p. 226-231. Another trans. is available from SLA mi\$2.40, ph\$3.30 as 60-18400 [1960] [19]p.</p> <p>DESCRIPTORS: *Synthetic fibers, Processing, *Textiles, *Nylon, Industrial production, Plastica, Polymers, Fibers.</p> <p>For abstract see Technical Translations <u>4</u>: 630, 1960.</p> <p>(Materials--Textiles, TT, v. 7, no. 5)</p>	<p>61-20633</p> <p>1. Title: Spinning I. Griehl, W. II. Versaumer, H.</p> <p><i>20/226/7.975</i></p> <p>Office of Technical Services</p>
--	--

The Action of Bivalent Cations on Cellulose
Xanthate Gels, by Annaliese Groebe, Hermann Klare,
24 p;

GERMAN, per, Faserforschung und Textiltechnik,
1958, Vol IX, No 7, pp 262-272.

SLA 59-17444

Sci
Feb 60
Vol 2, No 10

108,895

Investigations on the Kinetics of Second
Aging in Viscose, by Burkart Philipp, Horst
Dautzenberg, 25 pp.

GERMAN, per, Faserforschung und
Textiltechnik, Vol IX, No 8, 1958, pp 307-321.

SLA 60-10777

Sci

OTS, Vol III, No 7

133,117

Nov 60

The Reaction of Cellulose Fibres With Reactive
Dyes and the Influence of the Fibre Structure on
these Processes, by K. Schwertassek.

GERMAN, per, Faserforsch. und Textiltech, Vol IX,
No 8, 1958, pp 321-329.

NACC - TT-867

Sci - Chemistry
Jan 61

136,440

Hamann, Adolf.

THE RAPID POLYMERIZATION OF CAPROLACTAM.
[1962] 21p. 22 refs.

Order from SLA \$2.60

62-10656

Trans. of Faserforschung und Textiltechnik (Germany)
1958, v. 9, no. 9, p. 351-361.

DESCRIPTORS: *Synthetic fibers, *Lactams, Polymeri-
zation, Sodium compounds, Hydroxides, Hydrogen,
Water, Heating, Melting, Manufacturing methods.

In the rapid polymerization of caprolactam with sodium hydroxide the real initiator of polymerization, the salt-like sodium lactam, is formed in a preliminary equilibrium reaction when the unfavorable equilibrium is permanently distorted by the removal of the water which is simultaneously formed. In contrast with the normal distribution, the polymerizate is characterized at first by an overabundance of long chain molecules; this is (Chemistry--Organic, TT, v. 9, no. 4)

62-10656

I. Hamann, A.

Office of Technical Services

Böhringer, H[ans] and Bolland, F[ritz].
DEVELOPMENT AND TESTING OF PROFILED
SYNTHETIC FIBRES WITH OR WITHOUT CAVITIES.
[1962] [21]p. 5 refs.
Order from SLA \$2.60

63-15589

Trans. of Faserforschung und Textiltechnik (Germany)
1958, v. 9, no. 10, p. 405-416.

Other translations are available from SLA at \$3.00,
\$4.30 as 59-17264 [1959] [33]p. and at \$2.70,
\$4.80 as 59-17767, June 59 [21]p.

DESCRIPTORS: *Fibers (Synthetic), Textiles,
Cavitation, Polyamide plastics, Processing, Tests.

For abstract see Technical Translations: 2: 596, 1959.

(Materials--Textiles, TT, v. 9, no. 11)

63-15589

1. Title: Perlon
I. Böhringer, H.
II. Bolland, F.

Office of Technical Services

System of Dynamic Testing Methods for High-Polymer Solids, II. Generalization of the System by Friedrich Winkler, 24 p.

GERMAN, per, Faserforsch u Textiltech, 1958, Vol IX, No 11, pp 476-484

SLA 59-20826

Sci
Apr 60
Vol III, No 2

113,574

Urbanczyk, Gregor W.
CONTRIBUTION TO THE QUESTION OF THE DE-
PENDENCE BETWEEN THE IMPACT TENSILE TEST
STRENGTH AND SUBMICROSCOPIC ORIENTATION
OF THE POLYCAPROLACTAM FIBER. [1962] 11p.
(5 figs. 3 tables omitted) 10 refs.
Order from SLA \$1.60

62-16712

Trans. of Faserforschung und Textiltechnik (Germany)
1958, v. 9, no. 11, p. 488-493.

DESCRIPTORS: *Synthetic fibers, *Polymers, Tensile
properties, Molecular association, X-ray Diffraction
analysis.

The impact tensile strength and the static strength of
differently drawn poly-caprolactam fiber samples are
investigated. The results are compared with the de-
gree of orientation of the molecules in the fiber. de-
(Materials--Textiles, TT, v. 8, no. 7) (over)

62-16712

1. Title: Caprolactam
I. Urbanczyk, G. W.

Office of Technical Services

The Reaction Mechanism of Titanium Dioxide as a
EURE Catalyst in the Photodegradation of Cellulose,
by J. Schurz, E. Kienzl.

GERMAN, per, Faserforsch. und Textiltech, Vol IX,
No 12, 1958, pp 513-519.

Sci - Chemistry
Jan 61

NRCC-FT-870

CSIRO

NRCC C-3322

136,405

<p>Gohlke, B. and others. OBTAINING VISCOSE IN A ONE-CAN PROCESS. I. ALKALIZING AND PREMATURING PROCESS AND INVESTIGATIONS ON ITS MANIPULATION DURING THE TREATMENT OF NORMAL RAYON CELLU- LOSE IN SHORT LYE. (Beiträge zur Frage der Gewinnung von Viskosen im Eintopfverfahren, I). 20 Jan 60 [29]p. 24 refs. Order from SLA \$2. 60</p> <p>61-16596</p> <p>Trans. of <u>Faserforschung [und] Textiltechnik</u> (Germany) 1959, v. 10, no. 2, p. 53-62.</p> <p>DESCRIPTORS *Cellulose, *Rayon fibers, Process- ing, Textiles.</p> <p>(Materials--Textiles, TT, v. 6, no. 6)</p>	<p>61-16596</p> <p>I. Gohlke, B. II. Title: Alkalizing...</p> <p>176560</p> <p>Office of Technical Services</p>
---	---