

Weber, H. H.

*Removal of biologically difficult degradable substances
from waste water.*

CHEMIE-INGENIEUR-TECHNIK, Vol 44, 1972, pp 659-662

NTC 73-14578-07A

Pell, B.

*Hydroformylation with Rhodium carbonyl/tertiary amine
complex catalysts.*

CHEMIE-INGENIEUR-TECHNIK, Vol 44, No 11, 1972, pp 708-712
NTC 73-14135-07C

Puschner, M.

*Embrittlement of austenitic welded joints and welded
claddings.*

CHEMIE-INGENIEUR-TECHNIK, Vol 44, 1972, pp 753-757
NTC 73-14156-13E

NTC 73-1778-13E

Kautz, H. R.

Special Problems Encountered During The Construction of
Welded Apparatus made from special Materials
CHEMIE-INGENIER-TECHNIK, v. 44, 1972, p. 757-762
WDC 73-17770-121

Thiessen, W.

Aspects of Welding and Testing Technique with Respect
to the Construction of Chemical Apparatus
CHEMIE-INGENIEUR-TECHNIK, v. 44, 1972, p. 763-770
NTC 73-11776-07A

Risch, H.

The Importance of Surface Treatment of Welds in the
Apparatus Construction with Respect to the Corrosion
Behavior

CIRNTE-INGENIEUR-THICKERK, v. 16, 1972, p. 773-775

WTC 74-117721-104

Briner, M.

Fatigue problems in welded joints.

CHEMIE-INGENIEUR-TECHNIK, Vol 44, 1972, pp 801-806

NTC 73-14157-13E

MANDEK, C.
//CHEMIE-INGENIEUR-TECHNIK//
--/1973, VOL45, N-----,
On Influencing the Product Distribution of
Hydrocarbon Oxidation by Periodic Concentration
Variations,
pp 954-959, ETC 7k-10413-07A26

Bookhorn, H.

*Production of acetylene in premixing flames and of
acetylene/ethylene mixtures in diffusion flames*
CHEMIE-INGENIEUR-TECHNIK, v. 44, n. 14, 1972,
pp. 869-912
NTC 73-13742-21B

Kleine, Rolf

Velocity Measurements in Turbulent Premixed
Flames by the Laser Doppler Method

CHEMIE-ING-TECH. Vol 45, No 5, 1973 pp 300-306

*AEC-LB/G/307/2

Guenther, R.

*Mathematical model of a turbulent diffusion flame in
a cylindrical combustion chamber*

CHEMIE-INGENIEUR-TECHNIK, v. 45, n. 5, 1973, pp.
318-322

NTC 73-14048-21B

Hess, K.

Formation of Explosive Clouds of Gas
on Overhead Release and Preventive Measures 20 pp

CHEMIE-ING-TECHN Vol 45, No 5, Mar 1973 pp 323-329

SMRE No 6528

CIA-X-7798

NTC 74-11169-67A

HESS, K.
//CHEMIE-INGENIEUR-TECHNIK//
---/---/1973, V0045, N----,
Formation of explosive gas clouds on overhead
release and preventive measures,
pp 323-329, NTC 74-10179-07A@@

BUSEY. W. M. et al
//CHEMIE INGENIEUR TECHNIK,//
--/--/1964, V0036, N004,
Intermittently hot acid chimneys,
pp 347-354, CE TRANS 6413@0

Borho, K.

Agglomeration and Wall Deposition from
Gas/Solid Flow as a Result of
Electrostatic Charges

12 pp

CHEMIE-INGENIEUR-TECHNIK Vol 45, No 6, March 1973
pp 387-391

CIA-X-7862

ZLOKARNIK, M.
//CHEMIE-INGENIEUR-TECHNIK//
--/--/1973, V0045, N010A,
Agitation efficiency in gas containing fluids,
pp 689-692, NTC 74-10303-07A@@

Donat, C.

*Application of rupture disks for slow and rapid pressure
rise.*

CHEMIE-INGENIEUR-TECHNIK, Vol 45, 1973, pp 790-796

NTC 73-14496-07A

HOFMANN, R.
//CHEMIE-INGENIEUR-TECHNIK//
--/--/1973, VOL 15, N 1-2,
Matter-Erhebung Surface and Hydrodynamics In Jet
in Turbulent Turbines,
pp 221-227, INC 74-11026-07436

Nagel, O.

The material exchange surfaces in gas-liquid contact apparatus, selection criteria and data for their enlargement.

CHEMIE-INGENIEUR-TECHNIK, Vol 45, 1973, pp 913-920
NTC 73-14786-07A

HAMMER, H.

//CHEMIE-INGENIEUR-TECHNIK//

--/-/1973,VO045,N----

Bubble Size-Frequency Distribution and Phase
Boundaries in Absorption Towers. Part I. Oxygen-
Containing Aliphatic Compounds,
pp 262-273,IPC 74-10570-07A02

REVERSE OSMOSIS OF WASTE WATER CONTAINING DYE
S

STAUDE EBERHARD LANGUAGE-GE COUNTRY-GE

CHEMIE INGENIEUR TECHNIK VOL 45 1973 NO 20 PP
1222-1225

FSTC-HT-23-0700-74

Becatt, E. D.

Meeting future peak electrical energy demands by
means of electrochemical storage systems 12pp
ZEITSCHE-INGENIEUR-MACHINIK, vol. 16, no. 7, pp. 59-60
~~REDACTED~~

Zahradnick, R.

N-Nitrosoderivatives of Secondary Amines III

CHEMICKE LISTY, Vol 51, 1957, pp 2232-2242
937-945

*NTIS-TT-74-53060

Statnary Arsenal
74-13 a

9212/0828 0828
19 Sept. 1973

Chem. Listy, Vol. 51, pp. 1764-6 (1957).

Yanovska, rejzova, et al.

Language: Czech.

Please translate and type 1 copy only. Single Space,
Paste-up.

CORLISS, C.H.
//CHEMICKE LISTY//
--/--/1963, V0057, N----,
*Review of "Experimental transition probabilities
for spectral lines of elements"*
pp 1086-1087, NTC-74-11544-07D##

Vymazal, Z.

Organic Macromolecular Substances with Semiconductor Properties.
CHEM. LISTY, Vol.59, No.7, pp.800-20, 1965.
A.T.S CJ-4734

LAZAR, M.
//CHEMICKE LISTY//
--/-/1966, V0060, N----,
Hydrogen migration in alkyl radicals,
pp 192-209, NTC 74-11617-07C##

M. J. BENES

Polymerization of Acetylenes to Linear
Polymers.

CHEMICKE LISTY. Vol 64, pp 1094-1117, 1970.
NTC 73-10306-07C

Mar 73

Varga, S.

*Radionuclide x-ray fluorescence analysis. Part 1.
Excitation of x-ray fluorescence radiation by nuclear
radiation.*

CHEMICKE LISTY, Vol 64, 1970, pp 1253-1265
NTC 73-13395-20L

Varga, S.

*Radionuclide x-ray fluorescence analysis. Part 2.
Detection of the x-ray fluorescence radiation excited
by radionuclide radiation.*
CHEMICKE LISTY, Vol 65, 1971, pp 28-44
NTC 73-22003-20H

Varga, S.

*Radionuclide x-ray fluorescence analysis. Part 3.
Examples of application in practice.
CHEMICKE LISTY, Vol 65, 1971, pp 113-127
NTC 73-22004-20H*

Snopek, S.

Continuous determination of ethanol in aqueous solutions.

CHEMICKÉ LISTY, Vol 66, 1972, pp 203-211

CSIRO-trans 11384

NTC 73-13916-07C

CARSKY, P.

//CENITCKE LIST//

---/1970, VOL60, N-----,

Selected Chapters from Applied Quantum Chemistry,
Part IV. Chemical Applications of Semiempirical
Methods of Molecular Orbital Considering All Valence
Electrons. Physical Chemical Properties,
pp 210-236, INC 74-11206-07100

Agency: Picatinny Arsenal
P.O.No. 73-90/c

9212/0230
9 Apr. 73

Title: The Determination of Alkali Azides (Nitrides)

Author: Ing. Dr. A. Hajrich

Source: Chem. Obzor #5, 1930 pp 3-4

Language: Czech

Instructions: Please type single space.

Lucas, M. T.

*Thoughts on the parameter of solubility and ways of
solving problems connected with it*

CHIMIE DES PEINTURES, v. 34, n. 4, 1971, pp. 125-130

NTC 73-13617-11C

Vaclavek, V.

Control of molecular weight during emulsion copolymerization of butadiene with styrene. Decrease of zanthic disulfides during course of polymerization.
CHEMICKY PRUMYSL, v. 10, p. 103-107, 1960.
NTC 73-11059-07C

Dadák, V.

By-products of aromatic nitration. Part 1. Isolation and identification of by-products of the acid type, formed during nitration of toluene and mononitro toluene.

CHEMICKÝ PRUMYSL, Vol 12, No 2, 1962, pp 69-73

NTC 73-22139-07A

Dadak, V.

By-products of aromatic intration. Part 4. Isolation and identification of products in raw trinitro solution.
CHEMICKY PRUMYSL, Vol 13, No 12, 1963, pp 629-634
NTC 73-22136-07A

Nesura, V.

Homogenization of the Polymolecularity of Kraft Pulps
during Chlorination and Hydrolysis
CHEMICKY PRASL, v. 14, n. 5, 1964, p. 254-258
TFC TFC-38

Svab, V.

Dimethyl Terephthalate from Phthalic Anhydride.
Part II. Isomerization Reactor and Isomerization
CHEMICKY PRUMYSL, v. 16, n. 3, 1966, pp. 136-141
NTC 73-12559-07A

Zanta, J.

*The liquid-vapor equilibrium in the system trichlorosilane
--methyl dichlorosilane--silicon tetrachloride.*
CHEMICKY PRUMYSL, Vol 19, No 12, 1969, pp 539-544
NTC 73-13922-07D

Comparison of the Effects of Concentration and
Temperature Gradients Inside and Outside a
Porous Catalyst Granule and the Effect on the
Rate of a Chemical Reaction. by Hlubucek,
Vratislav. 13pp
CHEMICKY PRUMYSL, Vol. 21, No. 1, 1970.
FSTC-HT-23-794-72

DURKA, OLDRICH
//CRAVICKY PHOENIX//
---/1970, V20/45, NOOLC,
Sorption Materials for Gas Chromatography--I
Methylene Glycol Adipate and 1,4-Butanedioic Acid, 12 pp.
pp Unknown, KJTC-LB-23-340-70
DISTRIBUTION LIMITED TO US GOVT AGENCIES ONLY

SVAJGL, O.

//CHEMICKY PRUMISL//

--/-/1971, V0021, N-----,

Determination of chlorine in petrol platforming
pp 103-106, NTC 74-11598-07A##

Kratky, B.

*Polarographic determination of isophthalic acid in
unsaturated polyesters.*

CHEMICKY PRUMYSL, Vol 21, No 7, 1971, pp 340-344
NTC 73-14498-07C

NEUTRAL GLASS PRODUCED IN KAVALIER GLASSWORKS

BREZINA, V. LANGUAGE-CZ COUNTRY-CZ

CHEMICKY PRUMYSL, VOL. 22, NO. 3, 1972, PP. 1
40-1

FSTC-HT-23-1568-73

Wurst, Milan

*Analysis of Technical Hexamethyldisiloxane by Gas
Chromatography 13 pp
CHEMICKY PRUMYSL, vol. 22, nr. 3, 1972, pp. 124-127
AIR/FTD-HC-23-574-73*

Goals of Chemical Industry in 1973 Reviewed,
by Vincenc Fuciman, 5 pp.

GOVERNMENT USE ONLY

CZECH, SLOVAK, per, Chemicky Prumysl, Prague,
No 1, 1973, pp 1-2.
JPRS/L 4449

Apr 73

Novak, Miroslav

Long-Range Need for Magnesium Fertilizers
Noted, 8 pp.

GOVERNMENT USE ONLY

CHEMICKY PRUMYSL, Prague, No 5, 1973,
pp 276-279.

JPRS/L 4613

Sep 73

Pelc, Jaroslav

GOVERNMENT USE ONLY

Economic Problems of Czechoslovak Chemical
Industry.

9 pp

CHEMICKY PRUMYSL, Prague, No 9, Sept 1973,
pp 479-481.
JPRS/L 4729

A. Dees de Sterio

Plastic foam for soil improvement.
CHEMISCHE RUNDSCHAU, Vol 18, pp 329-331, 1965
NIC 72-15192-02

mar 73

Pluta, J.

The thermodynamics and kinetics of the oxidation
of propylene to acrolein.
CHEMIA STOSOWANA. SERIA A. KWARTALNIK POSWIECONY
ZAGADNIENIOM TECHNOLOGII, v. 12A, p. 115-124, 1968.
NTC 73-11060-07C

KOLARZ, B.

*Macroporous ion exchange resins. Part 1. Preparation
and properties of porous styrene-divinylbenzene
copolymers.*

CHEMIA STOSOWANA, Seria A, Vol 14, 1970, pp 265-281
NTC 73-14338-07A

T. RUUSKANEN

Aerosol Retention Capacity of Fiber Filters as
Affected by Particle Size and Linear Flow Rates.
SUOMALAISEN TIEDEAKATEMIAN TOIMITUKSIA. SERJA A2.
CHEMICA, No 159, pp 1-15, 1970.
NTC 72-15109-13K

Mar 73

WAGNER, C.
//CHEMISCHE TECHNIK//
--/-/1945, V0018, N----,
On the temperature adjustment of high efficiency
catalysts
pp 28-34, Numbers 3 and 4, NTC 74-11493-07D##

ZEEDIJK, H.

The Determination of the SO₂ Content in Air'
CHEMIE EN TECHNIEK, vol. 23, pp. 721-723, 1968
NRC C11842

March 73

Maat, L. H. E.

Cyclopropanones
CHIMIE EN TECHNIEK, v. 26, n. 20, 1971, pp. 587-590
NTC #3-13106-67C

KOLP, D.
//CZ-CHEMTECH TECHNIK, HEIDELBERG//
--/-/1972, VOL01, NO002,
Gas Chromatographic Head Space Analysis and its
Applicabilities,
pp 27-27, IHC 74-10012-07003

Hauthal, H. G.

Recovery and Separation of C₉ Aromatics
CHEMISCHE TECHNIK, v. 16, 1964, pp. 395-409
NTC 73-12744-07A

Jeitner, O.

Elimination of Nitrous Gas (Nitrogen Oxides) Emission
by Catalytic Reduction

CHEMISCHE TECHNIK, v. 19, 1967, pp. 166-169
NTC 73-12742-07A

Biederbick, H.

Construction of Nitrous Gas (Nitrogen Oxide) Compressors
CHEMISCHE TECHNIK, v. 19, n. 5, 1967, pp. 271-278
NTC 73-12745-07A

Porzel, W.

Complex Reconstruction and Economization in an Existing
Nitric Acid and Calciumammonium Nitrate Plant
CHEMISCHE TECHNIK, v. 19, n. 5, 1967, pp. 282-285
NTC 73-12553-07A

10 pages

Eduard-Otto Reiter

Flowing of Inelastic Fluids.

CHEMISCHE TECHNIK, Vol 22, Nov 1970. pp 658-662

AUSTI K-11002
FSTC-IMP-23-1161-72

Ann. 13

Weller, J.

*Aluminum materials of construction for the chemical
industry.*
CHEM. TECH. (LEIPZIG), Vol 23, No 3, 1971, pp 162-168
ATS 1594-GJ

I. NIETZOLD

State of the Art and Trends in Air Filtration in
the GDR.

CHEMISCHE TECHNIK, Vol 23, pp 238-243, 1971.
NTC 73-10148-13B

Mar 73

Fleischer, L.G.

Changes in Quantitative Condition in
Homogeneous Thermodynamic Systems 6 pp

CHEMISCHE TECHNIK, Vol 23, No 6, 1971, pp 361-363

FSTC-ITF-23-2275-72

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

Kiessling, U.

Purification of phenol from the cumene process
CHEMISCHE TECHNIK, v. 23, 1971, pp. 423-427
NSC 73-12025-07A

Hertwig, K.

Investigation of the kinetics of catalytic heterogeneous gaseous phase reactions.

CHEMISCHE TECHNIK, Vol 23, No 10, 1971, pp 584-588

NTC 73-14079-07D

Vauer, U.

Absorption of nitrous gases in plate columns.
CHEMISCHE TECHNIK, Vol 24, 1972, pp 464-469
NTC 73-14105-07A

Muehlberg, Heinz

International Development of Potash Fertilizer
Technology, Production, 10 pp.
CHEMISCHE TECHNIK, Leipzig, Vol 25, No 7,
Jul 73, pp 406-409.
JPRS 59902

Sep 73

Kramer, Wilfried

Regard for Environmental Protection in Use
of Crop Protection Agents, 7 pp.
CHEMISCHE TECHNIK, Leipzig, Jul 73, pp 420-422.
JPRS 60124

Oct 73

Wetzel, Horst

Development of Schwedt Petrochemical Combine
Described, 9 pp.
CHEMISCHE TECHNIK, Leipzig, Aug 73, pp 450-
453.
JPRS 60093

Oct 73

Kohlert, Peter

Goals of Chemical Industry Foreign Trade
Planning Outlined, 5 pp.
CHEMISCHE TECHNIK, Leipzig, Jan 74, pp 4-5.
JPRS 61453

Apr 74

Development of Chemical Industry Discussed,
12 pp.
CHEMISCHE TECHNIK, Leipzig, Mar 74, pp 129-133.
JPRS 61995

Jul 74

ENDERS, KARL LUDWIG
//CHEMISCHE TECHNIK//
--/---/1978. V----, N----,
Air pollution in bitterfeld area examined 6 pp
pp 424-426 JPRS 62994#

Nuding, H.

*Increase of the card production in cotton spinning
mills for processing man-made fibers*

CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZEITS-
CHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE), v. 15, n. 8,

1965, pp. 575-578

NTC 73-21667-11E

Mueller, J.

New methods for fixing dyes on manmade fiber fabrics.

CHEMIEFASERN, Vol 16, No 1, 1986, pp 28-32

NTC 73-21847-11E

Treiber, E.

Contributions to the swelling behavior of viscose fibers

CHEMIEFASERN (UND TEXTIL-, ANWENDUNGSTECHNIK UND ZEITSCHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE), v. 16, n. 2,
1966, pp. 113-116

NTC 73-21658-11E

Luenenschloss, J.

*Twist distribution in the filament during false twist
texturing*

CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK), v. 20,

1970, pp. 980-984

NTC 73-12938-11E

KOERNER, J.
//CHEMIEFASERN (UND TEXTIL-ANWENDUNGS-TECHNIK UND
ZEITSCHRIFT FUER DIE GE SAMTE TEXTILINDUSTRIE)//
--/-/1971, VOL 21, NO 1,
Studies with Electrically Conducting Cellulose,
pp 69-77, INC 74-1002-1133

Wegener, W.

Friction and Throwing Twist Methods - A Comparison

CHAMFEREN (ED. TEXTIL-AERODUNCS-TECHNIK UND

MATERIAL FÜR DIE GESÄHTE SEWILLINDUSTRIE),

V. 61, N. 2, 1971, p. 771-775 778-785

HTC V2-319/0-112

Heim, E.

Mixed Filament Yarns - A New Group of Filament Yarns
CHEMTECHNIK (UHD TEXTIL- AUSTRODUSTRICHEK UHD
ZEITUNG FÜR DIE GEFAHR TEXTILENDUSTRIE), p. 21
1971, p. 1007-1012
EBC 70-1174-111

Albrecht, W.

Man-Made Fibers in OE Spinning
CHEMIEFASERN (UND ANWENDUNGSTECHNIK, UND ZEITSCHRIFT
FUER DIE GESAMTE TEXTILINDUSTRIE, v. 22, n. 3, 1972,
pp. 187-192
NTC 73-12670-11E

Jakob, F.

Second - Generation Polyester Fibers
SEKUNDÄRFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZITTE-
CHEIT) FÜR DIE GEZOIGTE TEXTILINDUSTRIE, 1982, p. 5,
Loyc, p. 244-250
BSC 72-0117/02-111

Funk, W.

Spinning nozzles--components for the chemical fiber industry. The present state of the art.
CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZEITSCHRIFT FUER DIE DESAMTE TEXTILEINDUSTRIE), Vol 22,
No 6, 1972, pp 518-522
NTC 73-13535-11E

Jakobson, J.

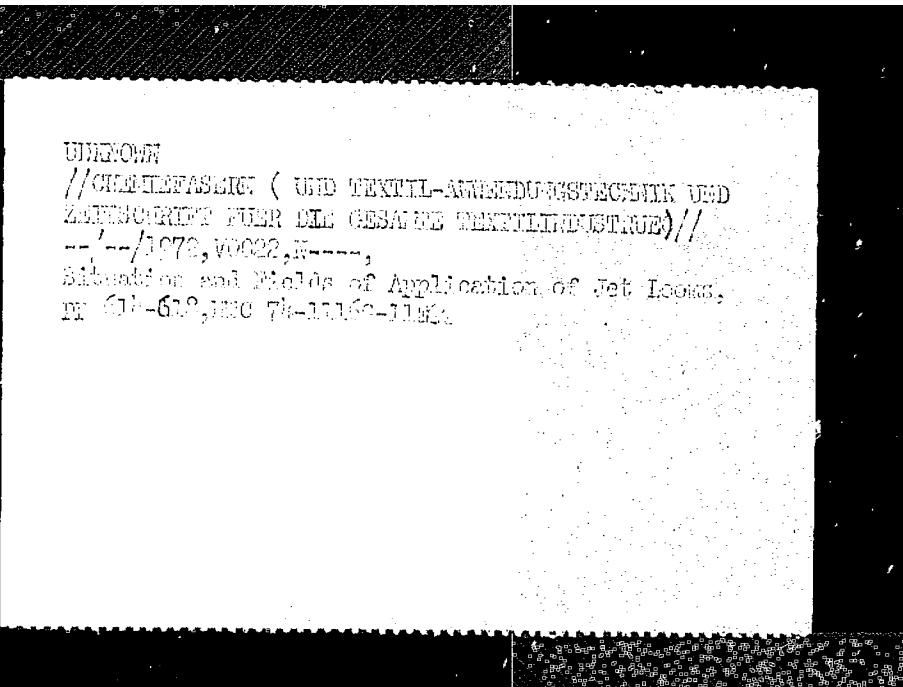
The Production of Polyvinyl Alcohol/Casein (Bicomponent) Fibers

ZEMENTFASERN (VON VINYL- ACRYLDIURESTICHEM UND
KOMPLEXER FÜR DAS SEIDEN TEXTILINDUSTRIE), v. 22, n. 6,
1972, p. 106-107
DEC 73-11062-11E

ATS 1569-GJ

Schatz, P.

Future Developments in the High Bulk Process
CHEMTEFAZIEN (UND TEXTIL-ANWENDUNGSTECHNIK UND
ZETEX-ZEITSCHRIFT FUER DIE GEMARTE TEXTILINDUSTRIE), v. 22,
1972, p. 975-926
IPC 73-11852-118



Wegener, W.

The effect of change of the hot element temperature profile on the quality of crimped yarns
CHEMIEFASERN (UND TEXTIL-ANWENDUNGS-TECHNIK UND
ZEITSCHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE),
v. 22, 1972, pp. 673-679
NTC 73-14335-11E

Neumann, G.

Observations on the development of stitch-through technology
CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND
ZEITSCHRIFT FUER DIE GE SAMTE TEXTILINDUSTRIE), v. 22,
1972, pp. 760-765
NTC 73-13720-11E

Erdmann, W.

Heating, temperature regulation and control on stretch
texturing and texturing machines

CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZEITSCH-
RIFT FUER DIE GESAMTE TEXTILLINDUSTRIE), v. 22, 1972,
pp. 886-894

NTC 73-12900-11E

LUEBENSCHLOSS, J.
//CHEMIEFASERN (UND TEXTILANWENDUNGSTECHNIK UND
ZEITSCHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE)//
--/-1972,VO022,M----,
Effect of Storage Time and Storage Conditions
for Some Commercial Cup Constructions on the
Variation in the Unbinding Force, Tension,
Dynamic Modulus, Shrinkage and Friction of
Polyamide and Polyester Filaments,
PP 2005-1992, WTC 54-10004-11B3

Wegener, W.

Preparation of modified false twist crimped yarns from low shrinkage polyamide 6 untreated yarns. Part 4.
CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZEITSCHRIFT
FUER DIE GESAMTE TEXTILINDUSTRIE), Vol 23, 1973,
pp 118-122
NTC 73-14494-11E

Luenenschloss, J.

The measuring of the yarn and their fluctuations on
running yarn during the textile process.
CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND ZEITSCHRIFT
FUER DIE GESAMTE TEXTILINDUSTRIE), Vol 23, 1973,
pp 297-301.
NTC 73-14495-11E

TRAUTER, J.
//CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND
ZEITSCHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE)//
--/--/1973, v0023, N----,
The Adhesive Strength of Sizes,
pp 481-484, NTC 74-10571-11188

LUETZEL, L.
//CHEMIEFASERN (UND TEXTIL-ANWENDUNGSTECHNIK UND
ZEITSCHRIFT FUER DIE GESAMTE TEXTILINDUSTRIE)//
--/-/1973, V002S,N----,
The Transfer Printing,
pp 449-452, NTC 74-10330-11E@

FOURNE, F.
//CHEMIEFASERN (UND TEXTIL-ANWENDUNGS-TECHNIK
UND ZEITSCHRIFT FUER DIE GASAMTE TEXTILINDUSTRIE)//
--/---/1973, V0023, N----,
Spin-texturing, Spinner-texturing, Twister-texturing,
pp 538-545, NTC 74-10300-11E@