

Artillery Fire, by Martin Kullauke and
Martin Auge, 827 pp.
GERMAN, bk, Kas Schiessen der Artillerie,
Vol. 1 & 2, 1964, 404 pp (Vol. 1); 423 pp (Vol. 2)
ACSI J-3342
ID 2204041767

Sci-Mil
Feb 68

347,448

On the Course of the Reaction of the
Type A Solid / B Gas = C Solid, by
S. Hrotkznajder, et al.
GOVERNMENT USE ONLY
POLISH, per, Kataliza i Katalizatory.
Warsaw, 1952, pp 329-373.
NASA TT F-11,620

Sci/Chem
Oct 65

360,971

R-526

Information on Maps.

NORWEGIAN, rpt, Katalog over Landkart, Oslo,
1963, pp 3-5.

*JPRS/SF-3631/Special

NE-Norway

Geog

Mar 65

PDF Operations and Accomplishments in 1959, 10 pp.

FINNISH, rpt, Katsaus Puolustuslaitoksen Työhön
1959, 12 Jan 1960.

ID 2137191

NoBar - Finland

Nil

Jun 60

117,831

Review of the Defense Establishment's Activity in
1960, 10 pp. UNCL

FINNISH, rpt, Katsaus Puolustuslaitoksen Työhön v.
1960, 10 March 1961.

ID 2168260

NSur - Finland

MI1

May 61

152,545

Fluorine-Containing Elastomers, by S. N. Borisov,
11 pp.

GERMAN, per, Kauchuk i Resina, Vol XX, No 8, 1961,
pp 16-20.

AEC-KRAE-Tr-1010

Sci-Phys
Nov 63

242,438

Effect of Certain Compounding Ingredients on
the Cross-Linking of Nitrile Rubber, by
R.S. Frenkel.
GERMAN, per Kauch. Rezina, Vol. 21, No. 3,
1963, pp 10-12
GB 72

Sci -
Aug 67

337-370

Fiber Structure and Joule Effect in Rubber
Vulcanizates, by L. Hock, P. Siedler, 4 pp.

GERMAN, par, Kautschuk, Oct 1925, pp 10-13.

SLA 2938

Sci
May 58

63,802

Elastic Hysteresis and its Significance for Structure
of Rubber, by H. Feuchter, 12 pp.

GERMAN, per, Kautschuk, Dec 1925, pp 6-10.

SLA 2872

Sci
May 58

63,808

The Constitution of Rubber, by R. Flummerer,
10 pp.

GERMAN, per, Kautschuk, Jul 1927, pp 233-238.

SLA Tr 2871

Sci

Jul 58

67,965

Concession of Priority in the Discovery of Semi-
Plastic Products From Rubber Resembling Guttaperchas,
Balata and Shellac; and a Tabulation of These
Substances, by E. Kirchhof, 9 pp.

GERMAN, per, Kautschuk, Vol IV, Jul 1928, pp 142-149.

SIA 2852

Sci
May 58

1.3741

Experiments on the Manganous and Ferric Chlorides of Different Salts of Ray Rubber and Various Salts of Substances and their Significance in the Tanning and Aging of Rubber, by T. Iwano. 4 p.

GERMAN, *ber. Kautschuk*, Apr 1941. p 75.

SLA 57-3964

73-426

SCI
- AUG 78

On the Permeability to Water of Organic Materials,
by E. Badura. 8 pp.

GERMAN, per, Kautschuk, Vol XII, 1938, pp 231, 232.

SLA Tr 57-2086

Sci

Jun 58

65, 892

Attempt to Determine Rationally Center for Calendar
Rolls. Part 1 & 2, by G. Ardichvili.

GERMAN, per, Kautschuk Vol XIV, 1938, pp 23-25;
41-45.

ATS 184-GJ

Sci
Nov 59

109,398

63-16247

Behre, Johannes and Cöhde, Karl.
A NEW INVESTIGATION METHOD FOR EVALUATING
FILLERS FOR THE RUBBER INDUSTRY. [19(3)].
10p. (tables figs. omitted) 2 refs.
Order from SLA \$1.10

63-16247

Trans. of Kautschuk (Germany) 1939, v. 15, p. 160-166.

DESCRIPTORS: *Fillers, Rubber, Particle size,
Surface-active substances, Adsorption, Analysis.

For measuring the activity of fillers toward rubber
there is proposed a method based on measuring the
sanguinol adsorption of the filler. Thirteen known
rubber fillers were investigated in this way, and ex-
hibited a behavior which is in agreement with the
characteristics in rubber. (Author)

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

I. Behre, J.
II. Cöhde, K.

Office of Technical Services

Investigation of the Fine Structure of Substances of
High Molecular Weight With the Universal Electron
Microscope, by H. Ardenne, D. Beischer, 19 pp.

GERMAN, per, Kautschuk, Vol XVI, No 5, May 1940,
pp 55-60.

SLA 57-1588

Sci
May 58

64,013

Physical and Chemical Phenomena in the Mixing
of Rubber, by S. Bostrom, 47 pp.

GERMAN, per, Kautschuk, Vol XVI, No 10, Oct 1940,
pp 121-125; No 11, Nov 1940, pp 140-145.

SIA Tr 57-332

Sci - Chem, plastics
Jul 57

50,041

Investigations on Zinc Oxide: Part I, by H. Arnold,
and E. Golz, 6 pp.

GERMAN
German, per, Kautschuk Vol XVIII, 1942, pp 39-48.

S.L.A. Tr 6/1956

Scientific - Chemistry

33 724

The Polymerization of Gaseous Formaldehyde,
by Herman, Staudinger, 13pp
GERMAN, np, Kautschuk und Cellulose, 1960,
pp 257-263
RIS S-2122

Sci - Chem
June 67

328,959

Polyoxymethylene From Liquid, Monomeric
Formaldehyde: Eu-Polyoxymethylene, by Herman
Staudinger, 14pp
GERMAN, ~~pp~~ Kautschuk und Cellulose,
1960, pp 280-287
RIS S-2123

Sci - Chem
June 67

328,960

Behre, J.
ON METHODS FOR DETERMINING THE ACTIVITY
OF RUBBER FILLERS (CONCLUSION). [1963] 8p.
(figs. omitted) 4 refs.
Order from SLA \$1.10

63-16252

Trans. of Kautschuk und Gummi (West Germany) 1948,
v. 1, no. 6, p. 153-156.

DESCRIPTORS: *Rubber, Vulcanizates, *Fillers,
Surface properties, Measurement, Binders.

(Materials--Rubber, TT, v. 10, no. 5)

63-16252

1. Behre, J.

Office of Technical Services

Investigation of Carbon Black in the Rubber
Industry, by Hildegard Peetsch, 14 p.

GERMAN, per, Kautschuk und Gummi, 1948, Vol I,
No 9, pp 241-244.

SIA 60-10168

Sci
Apr 60
Vol XII, No 3

112, 022

TT-65-11947

Field 11J

THEORY AND PRACTICE FOR THE NEW GENERATION.
PLASTICIZERS FOR RUBBER AND WAYS OF IMPROVING
THEIR EFFECTIVENESS. 11p.
order from SLA: \$1.60 as TT-65-11947

Trans. of Kautschuk und Gummi (West Germany) v1 n9
p250-1 1948.

TT-65-11947

I. Plasticizers ...

MR 621

62-10123
TITLE: DRYING OF RUBBER FILMS FROM LATEX

[1949] 21p. (104p. continued)

Order from SLA \$2.60

62-10123

Trans. of Kautschuk und Gummi (Germany) 1949, v. 2
no. 11, p. 337-343.

DESCRIPTORS: "Rubber, Films, Dehydration, Tests,
Vapor pressure, Humidity, Coagulation

(Materials--Rubber TT, v. 7, no. 5)

Office of Technical Services

Test of Rubber Measurements of Relaxation, by
S. Bostrom, 10 pp.

GERMAN, Kautschuk und Gummi, Vol. III, No 3,
1950, pp 276-278.

QM:TF
QM-255

16,381

Scientific - Chemistry

Jan 52 CTS

Investigation of the Manganese and Iron-Content in
Various Varieties of Crude Rubber and their Sig-
nificance to Tackiness and Aging, by F. Kirchhof,
12 pp.

GRUMIN, per, Kautschuk, No 2, Feb 1951, pp 26-
32.

BIA 57-3125

71,400

Sci
Aug 58

63-20000

Thinius, Kurt.
POLYISOBUTENE: PRODUCTION, TREATMENT AND
APPLICATION AS RUBBERLIKE PLASTIC, PT. 1 [1963]
14p 32refs
Order from SLA 51,60

63-20000

Trans. of Kautschuk und Gummi (West Germany) 1951,
v. 4, p. 53-55.

DESCRIPTOR: *Polymers, *Butenes, *Ethylenes,
Polymerization, Synthesis (Chemistry), Processing,
*Elastomers, Synthetic rubber, Plastics, Polyethylene
plastics.

Topics include: polymerization products from the series
of olefin hydrocarbons; the polymerization reaction;
purification process for polyisobutene; increasing the
thermostability; and, thermal depolymerization.

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

1. Title: Polyisobutene
1. Thinius, K.

Office of Technical Services

63-20002

Thinius, Kurt.
POLYISOBUTENE: PRODUCTION, TREATMENT, AND
APPLICATION AS RUBBERLIKE PLASTIC, PTS. III
(IN PART)-IV. [1963] 17p 41refs
Order from SLA \$1.60

63-20002

1. Title: Polyisobutene
1. Thinius, K.

Trans. of Kautschuk und Gummi (West Germany) 1951,
v. 4, p. 128-131.

DESCRIPTORS: *Polymers, *Butenes, *Ethylenes,
Synthetic rubber, Plastics, Physical properties, Me-
chanical properties, Dielectric properties, Electrical
engineering, Construction, Adhesives, *Elastomers.

Topics include: typical rubberlike properties; working
in the wet way; physical and mechanical properties;
application in electrical engineering; use in building
technic and for coatings; and suitability for adhesives.
(See also 63-20001)

(Materials--Elastomers, TT, v. 10, no. 10)

Office of Technical Services

Aerosil, the Highly Active Colorless Filling
Material, by K. Boettcher.

GERMAN, Kautschuk und Gummi, No 3, 1950, pp 357-360.

QQNS Tr
QNT-247

14,908

Scientific - Chemistry

Jan 52 CTS

63-20001

Thinius, Kurt.

POLYISOBUTENE: PRODUCTION, TREATMENT, AND APPLICATION AS RUBBERLIKE PLASTIC, PTS. II-III (IN PART). [1963] 18p 19refs

Order from SLA \$1.60

63-20001

Trans. of Kautschuk und Gummi (West Germany) 1951, v. 4, p. 92-95.

DESCRIPTORS: *Polymers, *Butenes, *Ethylenes, Solubility, Solvents, Viscosity, Osmotic pressure, Fractionation, Machines, Processing, *Elastomers, Polymerization, Chemical properties.

Topics include: solubility and solvents; viscosity measurements; osmotic measurements and fractionation; machines and other expedients for working; and production of films. (See also 63-20000)

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

1. Title: Polyisobutene

1. Thinius, K.

Office of Technical Services

Topochemical Film Separation of the Surface of
Technical Vulcanizates, by H. Pohle, 3 pp.

GERMAN, per, Kautschuk und Gummi, Vol VI, No 10,
1953, pp 204, 205WT.

SLA 60-18909

Sci

Apr 61

146,100

JEHLB, K.

57-1784. On the development and use of perlon for
tires and other rubber goods. Kautschuk u Gummi,
7, no.1, p.8-12, 1954. (13p.)

Rubber in the Soviet Block, by Dr J. J. Gerritsen,
10 pp. UNCLASSIFIED

GERMAN, per, Kautschuk und Gummi, No 5, 1954,
Encl to 1A1-179-55, AFOIN. CIA D 181351

AF 651424

23,646

USSR

EEur - Sov Bloc

Economic - Imports, Production, Plan, Synthetic
Natural

May 55 GTS

(a) ~~275~~ The Proper Use of Plastics in the
Manufacture of Bearings; (b) Plastics in
Aeronautical Engineering; (c) On the Protection
of Caoutchouc From the Formation of Ozone
Cracks, (AF 626044). UNCLASSIFIED

GERMAN, per, Kautschuk und Gummi, Vol V,
1954, pp 99-102, 103-104, 116.

CIA ID 300835

8451

26, 323

ATIC P-TS 3471/III

Scientific - Chemistry Aug 55 CTS/DEX

On the Development and Use of Perlon for Tires and
Other Rubber Goods, by K. Jehle, 12 pp.

GERMAN, per, Kautschuk und Gummi, Vol VII, No 1,
1954, pp WT8-WT12.

S.L.A. Tr No 293/1955

Sci - Chemistry
Jan 1957 CTS/dex

44, 949

Erich Konrad, 60 Years Old. A Life in the
Service of Research and Technology.

GERMAN, per, Kautschuk u Gummi, Vol VII, 1954,
p 95.

ASLIB-GB57

Sci

Aug 58

72,487

Non-Contact Continuous Measurement of Thickness
and Weight by Means of Radiation from Radioactive
Materials, by Fritz, Alberts, 17 p.

GERMAN, par, Kautschuk und Gummi, 1954, Vol VII,
No 7, pp 157-162.

SILA 59-17558

Sci
Feb 60
Vol 2, No 10

108,917

Measurement of the Thermal Conductivity of Foamed Rubber, by C. Hagen, G. Pahl, 16 pp.

~~XXXXXXXXXXXX~~

GERMAN, per, Kautschuk und Gummi, Vol VII, 1954, pp 218-221. 9226261

AEC-SC-T-64-1644

Sci-Phys
Jan 65

271,825

Calculation of the Characteristic Curves of
Obliquely Mounted Rubber Disc Springs, by
H. F. Gobel.

GERMAN, Der, Kautschuk u Gummi, Vol VII,
1954, pp W228-231.

ASLIB-GB57

Sci
Aug 58

70,819

TT-65-11948

Field 11J

Ecker, R.; Bannasch, H.; Heidemann, W.
COMPARATIVE MEASUREMENTS WITH PLASTOMETERS.
Paper presented at the Meetings of the Deutsche Kautschuk-
Gesellschaft, Goslar, 7-9 May 53. 44p, 6 refs.
Order from SLA: \$4.60 as TT-65-11948

Trans. of Kautschuk und Gummi (West Germany) v7 n8
p170WT-8WT 1954.

TT-65-11948

I. Ecker, R.
II. Bannasch, H.
III. Heidemann, W.
IV. Title: Meetings...

MR 622

The Absolute, Fully Viscometric Determination
of the Molecular Weight of High Polymers, by
K. Edlmann.

GERMAN, per, Kautschuk u Gummi, Vol VIII, No 1,
1955, pp 14-24.

T.I.L. 2.4662

Sci. - Chemistry

35,697

Jun 1956

Experiment on a New Application of Electric Power
E. Bauchant, 5 pp.

SECRET, per, Kautschuk und Gummi, Vol. 100, No. 1,
pp 203-209,

Hermann D. Kautschuk

Jul - Aug

May 59

OTS 1, 7

87, 1458

Towards the Understanding of the Vulcanization
of High-Elastic Polymers. V. Vulcanization
of Natural Rubber by Tetraethyl Thiurem Mono-
sulphide and Sulphur (1), by W. Scheele and
G. Bielestein.

GERMAN, per, Kautschuk u Gummi, Vol VIII, 1955.
pp 251-257.

ASLIB-GB57

Sci

71,406

Aug 58

Enslin, Oskar.
CONTRIBUTION TO THE METHOD OF EXTENDING
NATURAL RUBBER WITH OIL WITH SPECIAL
REFERENCE TO THE EFFECT OF THE FILLING
MATERIAL. [1961] [15]p. 8 refs.
Order from SLA \$1.60

61-18771

Trans. of Kautschuk und Gummi (Germany) 1955, v. 8,
no. 10, p. 263-268.

DESCRIPTORS: *Rubber, Carbon black, *Vulcanization
*Oils, *Additives.

The behavior of several characteristic types of filler
material in oil-extended natural rubber mixtures was
investigated. The combinations of carbon black CK 3
with Ultrasil VN3 yielded vulcanization products with
remarkably good mechanical properties with additions
of Naftolen ZD of up to 30% of the rubber. The aging
behavior of the vulcanization products was essentially
(Materials--Rubber, TT, v. 6, no. 10) (over)

61-18771

1. Title: Filling material
1. Enslin, O.

187286

Office of Technical Services

Towards the Understanding of the Vulcanization of
High-Elastic Polymers. VI. Vulcanization of
Natural Rubber by Dibenzoylperoxide. I, by C.
Lorenz and W. Scheele.

GERMAN, per, Kautschuk u Gummi, Vol VIII, 1955,
pp 273-280.

ASLIB-GB57

Sci

Aug 53

71,401

Temperature Dependence of Static and Dynamic Deformation Characteristics of Caoutchouc (India-Rubber)-Vulcanizates and Other High Polymers, by R. Ecker.

GERMAN, per, Kautschuk u Gummi, Vol IX, HT2, HT2-9, Wt 31-38.

INSDOC-T1655

Sci

Aug 58

71,634

Secondary Softening Ranges in Copolymers,
Mixtures of Polymers, and Graft Polymers, by
R. Becker.

GERMAN, per, Kautschuk u Gummi, Vol IX, 1956,
pp 53-90.

ASLIB-OB57

Sci
Aug 58

70,816

Degradation of High-Elastic Polymers, by W.
Scheele and K. H. Hillmer.

GERMAN, per, Kautschuk u Gummi, Vol IX, WT,
1956, pp 82-92.

ASLIB-GB57

Sci

Aug 58

71,645

From Rubber (Hosin) Polymerization to
Rubber (Hosin) Polymers. Recent Develop-
ments in Rubber Resin Combinations.

GERMAN, R. K. Kautschuk und Gummi,
Vol IX, 1956, pp 312-320.

OSIRO

Sci - Chem
Apr 62

193, 835

Evaluation of High-Polymer Cable Insulations with
the δ Dissipation Factor Relief Map, by K. H. Hahn,
18 pp.

GERMAN, per, Kautschuk u Gummi, Vol X, No 3, 1957,
pp 57-64.

ATS 30J183

Sci

Jul 59

92,677

Measurements of Oblique Running Angle of Vehicle Tires
on a Circular Track, by H. Leutgebbrune, VWCL

GERMAN, per, Kautschuk u Gummi, Vol X, No 4, 1957,
pp 89-97.

DSIR/32417/CT

Sci - Rmgt
Feb 59

81, #29

The Effect of Mixing Methods on the Dispersion
of Isaf Carbon Black in Natural Rubber, by
H. Westlinning, 13 pp.

GREENMAN, per, Kautschuk und Gummi, Vol X, No 10,
1957, pp WT 258-WT 268.

OTS 60-16486

Sci

30 Mar 62

188,914

Polyisoprene and Polybutadiene, by W. Franke. *ibid.*

GERMAN, for, Kautschuk und Gummi, Vol XI, No 9,
1958, WT254, WT256, WT258, WT260.

ATS-691308

ATS-165-55

Sci - Chem
Sep 59
Vol 2, No 1

97, 4-27

Bras, Jean Le
NEW IDEAS ON THE AGING PROBLEMS OF RUBBER
(Neuartige Betrachtungen über Alterungsprobleme von
Kautschuk). 4 Apr 60 [21]p. 49 refs.
Order from SLA \$2.00

61-16715

Trans. of Kautschuk und Gummi (Germany) 1958,
v. 11, no. 12, p. 332-335.

DESCRIPTORS: *Rubber. Aging.

The mechanism of the deactivating effect apparently
contributes to the aging phenomena from a general
aspect, which also makes it possible to interpret some
hitherto unclarified experimental results. (Report
presented at the meeting of the German Rubber
association, May 7-10, 1958, in Cologne.)

(Materials--Rubber, TT, v. 6, no. 7)

61-16715

i. Bras, J. Le

61-16715

Office of Technical Services

Study of the Frosting Problem, by P. Kluckow,
E. Seeberger, 14 p.

GERMAN, per, Kautschuk u Gummi, 1959, Vol XII,
No 3, pp WT69-WT74.

SLA 59-17213

Sci
Dec 59
Vol 2, No 6

103,961

The Dynamics of the Pneumatic Fire, by W. Hofferbergh,
19 pp.

GERMAN, per, Kautschuk und Gummi, Vol. XIII, No 5,
1959, pp WFL34-WFL40.

BLA 60-10799

Sci
Jun 60
Vol XIII, No 5

119,147

61-10199 1. Original File 2. Direct Material 3. Comments, etc. 143,209 Office of Technical Services	61-10199 1. Original File 2. Direct Material 3. Comments, etc. 143,209 Office of Technical Services
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61-18638

Schmidt, Kurt A. F.
FIBERGLASS AS A REINFORCING AGENT FOR RUB-
BER AND THERMOPLASTIC SYNTHETICS (Glasseeide
als Verstärkungsmittel für Kautschuk und Thermoplas-
tische Kunststoffe). [1961] 14p. 30 refs.
Order from SLA \$1.60

61-18638

Trans. of Kautschuk und Gummi (Germany) 1959, v. 12,
no. 10, p. 298-302.
Another trans. is available from SLA mi\$2.40, ph\$3.30
as 60-16589 [1960] [11]p.

DESCRIPTORS: *Glass textiles, *Plastics, *Synthetic
rubber, Synthetic fibers, Physical properties, Temper-
ature factors, Stresses, Binders.

A survey.

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

I. Schmidt, K. A. F.
II. Kresge-Hooker Science
Library, Detroit, Mich.

187267

Office of Technical Services

The Physics of Adhesion, by R. Koehler.
GERMAN, per, Kautschuk und Gummi Kunststoffe,
Vol 14, No 6, 1961, pp 190WT.
NTC 71-14174-11A

Feb 72

TT-64-16693

Bartl, Herbert and Peter, Julius.
ON ETHYLENE/VINYL ACETATE COPOLYMERS
AND THEIR CROSSLINKING. 28p (5 figs omitted)
6refs
Order from SLA \$2.60

TT-64-16693

I. Bartl, H.
II. Peter, J

Trans. of Kautschuk und Gummi (West Germany)
1961, v. 14 [no. 2] p. WT23-WT32.

(Materials--Rubber, TT, v. 12, no. 4)

Office of Technical Services

Miksch, R., and Pröls, L.
SOME INVESTIGATIONS OF PROTECTIVE WAXES
FOR VULCANIZATES. [1960] 15p.
Order from ATS \$19.95 ATS-10N48G

Trans. of Kautschuk u[nd] Gummi (Germany) 1960,
v. 13, no. 2, p. W134-W141.

151566

(Materials--Rubber, TT, v. 5, no. 8)

61-12790

1. Vulcanizates--
Development
2. Waxes--Applications
 - I. Miksch, R.
 - II. Pröls, L.
 - III. ATS-10N48G
 - IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Haase-Deyerling and Meumann.

NEW DIELECTRIC METHOD FOR THE RAPID
DETERMINATION OF THE MOISTURE CONTENT
OF TIRE CORD. 3 Jul 63 [23p] 3refs

Order from SLA \$2.60

TT-64-10919

Trans. of [Kautschuk und Gummi (West Germany) 1960,
v. 13, no. 11, p. WT362-WT364, WT-366-WT368].

(Materials--Textiles, TT, v. 11, no. 12)

TT-64-10919

I. Haase-Deyerling
II. Meumann

Office of Technical Services

Natta, G., Crespi, G., and Bruzzone, M.
RUBBER-ELASTIC PROPERTIES OF ETHYLENE-
PROPYLENE COPOLYMERS. [1961] 15p.
Order from ATS \$23.50 ATS-77N55G

Trans. of Kautschuk u[nd] Gummi (Germany) 1961,
v. 14, no. 3, p. WT54-WT60.

DESCRIPTORS: *Ethylenes, *Propenes, Copolymeri-
zation, Polymers.

62-12059

- I. Natta, G.
- II. Crespi, G.
- III. Bruzzone, M.
- IV. ATS-77N55G
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS - 621 - 62

(Chemistry--Organic, TT, v. 7, no. 9)

Office of Technical Services

Temperature Shift of Coagulating Range in
Polymerization of Natural Rubber, by
H. D. Heinze.

GERMAN, per, Kautschuk und Gummi, Kunststoffe,
Vol 14, No 7, 1961, pp 208WT-217WT.

NTC-71-15521-11J

Feb 72

8

63-16251

Glander, F.
INVESTIGATIONS ON THE QUESTION OF THE REIN- I. Glander, F.
FORCING EFFECT OF FILLERS IN VULCANIZED
PRODUCTS. [1963] 17p. (figs. omitted) 14 refs.
Order from SLA \$1.60 63-16251

Trans. of Kautschuk und Gummi (West Germany) 1961,
v. 14, no. 10, p. WT 302-3 F 307.

DESCRIPTORS: *Rubber, Vulcanizates, *Fillers,
Volumetric analysis, Density, Physical properties.

Topics include: A new volumetric method for the
determination of the activity of fillers; absorbability of
as a soluble substance in the vulcanizing liquid; and
permeability of vulcanates and
analytical chemical results.

(Materials: Rubber, FI, v. 10, no. 5)

Office of Technical Services

The Heating-Up Process in the Vulcanization of
Rubber, by D. Beckmann.

GERMAN, per, Kautschuk und Gummi, Vol 14, 1961,
pp WT385-WT392.

NTC-71-12687-11J

Nov 71

Processing Rubber in Screw Pre-Plasticising
Injection Moulding Machines, by A. Kleinc.

GERMAN, per, Kautschuk und Gummi, Vol XVI,
No 5, 1962, pp 150-162.

GB 39 P1

sci. = Engr
Dec 63

245,016

The Use of Factice in Hypalon, by W. Goyert.
GERMAN, per, Kautschuk und Gummi, Vol15, 1962,
pp WT13-WT19.
WTC-71-12688-11J

Nov 71

TT-65-11924

Field 7A

CARBON BLACK PRODUCTION AND TREATMENT IN
THE WESTERN WORLD. ECONOMIC AND TECHNOLO-
GICAL DEVELOPMENT IN THE LAST YEARS AND THE
PRESENT SITUATION. 10p.
Order from SLA: \$1.10 as TT-65-11924

Trans. of Kautschuk und Gummi (West Germany) v15 n8
p251-4 1962.

TT-65-11924

1. Title: Economic...

MR 621

Reinforcing Fillers for Rubber, by H. Westlinning,
26, pp.
GERMAN, per, Kautschuk und Gummi, Vol XV, No 12,
1962, pp 475-481.
K-H 12921

Sci-Chem
March 64

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