

Korshak, V. V. and Gribova, I. A.
EXAMINATION OF THE KINETICS OF COPOLYMERIZATION OF DIISOCYANATES WITH GLYCOLS
[1960] 16p. 4 refs. M 1880.
Order from LC or SLA mi\$2.40, ph\$3.30 61-13203

Trans. of [Akademiya Nauk SSSR. Otdeleniye Khimicheskikh Nauk. Izvestiya] 1954, no. 4 [p. 67(?) - 67(?)].

The kinetics of the reaction of the joint polymerization of diisocyanate diphenylmethane with tetramethyleneglycol at the temperatures 145° and 155°C in a solution of nitrobenzene at solution concentrations of 0.352 and 0.0703 mol/l was investigated. The speed of growth of the molecular weight of polyurethane in the time for joint polymerization of diisocyanate diphenylmethane with tetramethylene-glycol, was studied. With a growth of concentration of the initial substances and with increasing temperatures, the speed of reaction of joint polymerization of (Chemistry Organic, TT, v. 5, no. 7) (over)

61-13203

1. Copolymerization--Analysis
2. Glycols--Polymerization
3. Isocyanates--Polymerization

I. Korshak, V. V.
II. Gribova, I. A.
III. DSIR LIU M 1880

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Macromolecular Compounds. Communication 59.
Stereochimistry of α -Methylstyrenes in Its
Relation to Their Tendency to Undergo Poly-
merization, by V. V. Korshak, N. G. Matveyeva,
4 pp.

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Nauk, No 4, USSR, 1953, pp 751-756.

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Steric Hindrance in the Polymerisation of
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N. G. Matveyeva, 7 pp.

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The Relation Between the Polymerization
Capacity and the Structure of Some Unsymmetrical
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3 pp.

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Effect of Stereochemical Factors on the Polymerizability of Halogen-Substituted Ethylenes, by
V. V. Korshak, N. G. Matveeva, 5 pp.

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Application of Interchain Exchange Reactions
In Linear Polycondensation Processes, by S. R.
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Polycondensation of 1-Bromo-3-chloropropane
With Benzene, by G. S. Kolesnikov, V. V. Korshak,
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by the Use of Deuterium, by D. N. Kursanov,
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(Nomenclature and Classification of Macromolecular Compounds), by V. V. Korshak, 13 pp.

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G. I.
THE IMPORTANCE OF EXCHANGE REACTIONS IN
THE POLYCONDENSATION PROCESS. [1963] 6p
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Order from OTS or SLA \$1.10 63-18667

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[no. 4] p. 589-591. (Abstract available)

DESCRIPTORS: *Polyamide plastics, *Condensation
reactions, *Exchange reactions, *Sebatic acid,
*Amines, Ethanol, Polymerization, Electron dif-
fraction analysis, Chemical equilibrium.

A study was made of the polycondensation products of
sebatic acid with monoethanolamine and N, N-di-
(β -hydroxyethyl-) sebacamide. Melting point deter-
(Chemistry--Organic, TT, v. 11, no. 1) (over)

TT-63-18667

1. Title: Diethanol
sebacamide
2. Title: Ethanol amine
- I. Korshak, V. V.
- II. Chelnokova, G. N.
- III. Distler, G. I.

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DE L'IMPORTANCE DES RÉACTIONS D'ÉCHANGE
DANS LA POLYCONDENSATION (Role of Exchange
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Order from OTS, ETC or CNRS \$1.10 TT-62-26717

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Another trans. is available in English from OTS,
SLA or ETC as TT-63-18667 [1963] 6p.

DESCRIPTORS: Exchange reactions, *Condensation
reactions, Polymers, Carbon compounds, *X-ray
diffraction analysis.

(Chemistry-Organic, TI, v. 11, no. 11)

TT- 62-26717

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II. Chelnokova, G.N.
III. Distler, G. I.
IV. CNRS-VIII bis 275
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Office of Technical Services
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On Steric Hindrances During Polymerization of
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Korshuk, N. G. Matveeva, 5 pp.

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5 pages RP 397-481

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Preparation of Hydrocarbons from Organ-Magnesium
Compounds by the Action of Hexachloroethane, by V. V.
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The Field of High Molecular Weight Compounds,
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AEC Tr 1455

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New type of Linear-Polycondensation Reactions-
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A-5866 Dec 52 CTS/DEX

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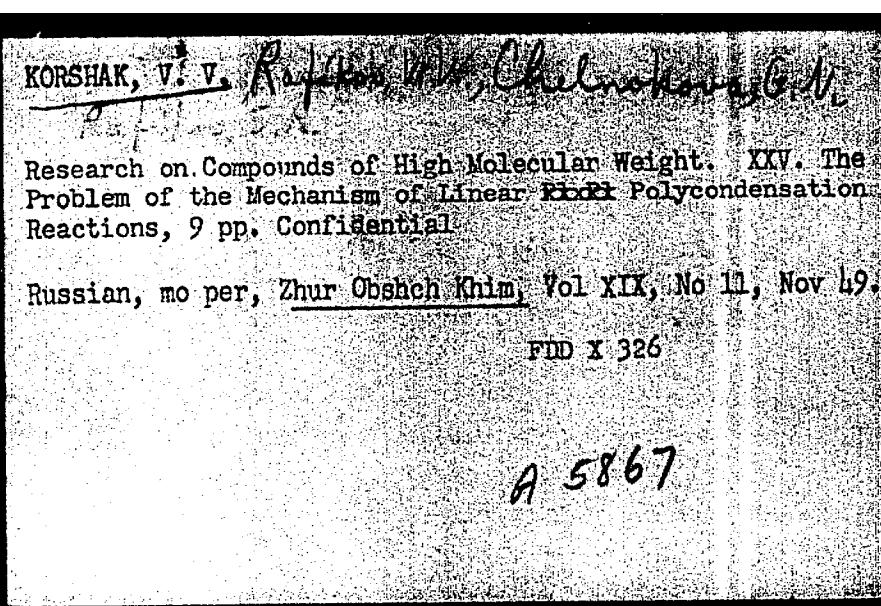
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{Condensed} trans. of Zhurnal Obozreniya Khimii (USSR) 1941, v. 14, no. 6, p. 435-437.		
DESCRIPTORS: *Friedel-Crafts reactions, Chemical reactions, Benzenes, Ketones.		
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AEC Tr 1282

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3-Determination of C and H in Nitrocompounds
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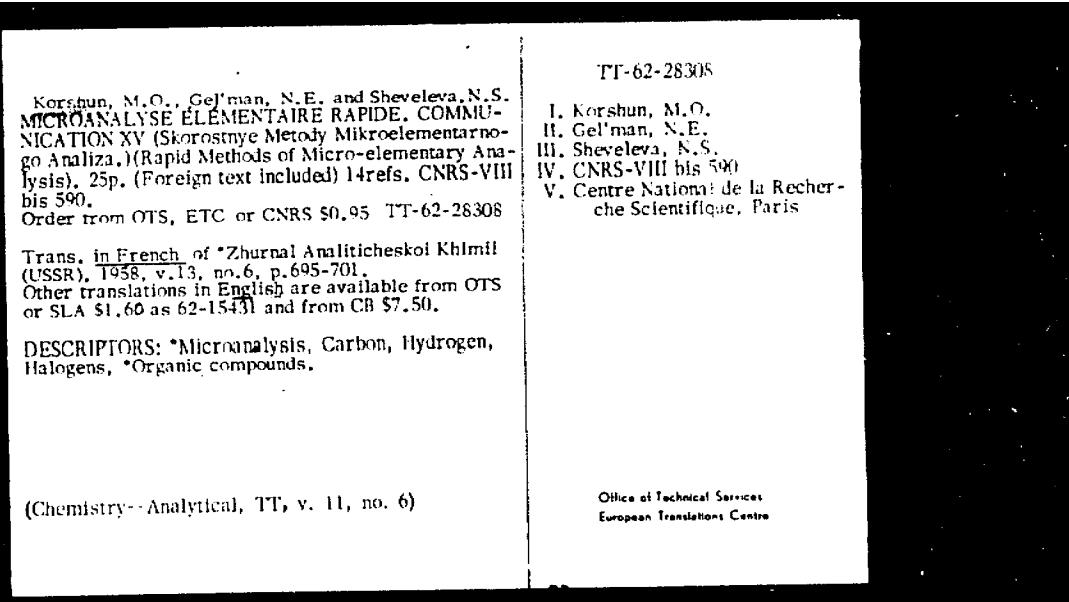
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