

Guyot, A[ain] and Benevise, J[ean]-P[aul].
THE THERMAL DEGRADATION OF POLYVINYL
CHLORIDE, I. KINETIC STUDIES (Degradation
Thermique du Chlorure de Polyvinyle, I). [1962] [10]p.
19 refs.

Order from SLA \$1.10

62-18429

Trans. of J[ournal of] Applied Polymer Science (U. S.)
1962, v. 6 [no. 19] p. 98-102.

DESCRIPTORS: *Heat, *Degradation, *Polyvinyl
chloride, Dynamics, Separation, Hydrochloric acid,
Electrodes, Reaction kinetics, Pyrolysis.

An apparatus for polyvinyl chloride thermal degradation
under isothermal conditions and in a controlled atmos-
phere is described with precision. Continuous measure-
ment of loss of weight of the sample under degradation
(Materials--Plastics, TT, v. 9, no. 10)

62-18429

I. Guyot, A.
II. Benevise, J. -P.
III. Title: Kinetic ...

Office of Technical Services

Guyot, Alain; Benevise, Jean-Paul; and Trambouze, Yves.

THE THERMAL DEGRADATION OF POLYVINYL CHLORIDE. II. KINETIC STUDIES IN INERT ATMOSPHERE (Sur le Degradation Thermique du Chlorure de Polyvinyle. II. Etudes Cinetiques sous Atmosphere Inerte). [1962] [15]p. 24 refs.

Order from SLA \$1.60

62-18428

Trans. of Journal of Applied Polymer Science (U. S.) 1962, v. 6, no. 19, p. 103-110.

DESCRIPTORS: *Heat, *Degradation, *Polyvinyl chloride, Dynamics, *Controlled atmospheres, Nitrogen, Absorption spectrum, Reaction kinetics, Pyrolysis, Hydrochloric acid.

(See also 62-18429)

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

62-18428

- I. Guyot, A.
- II. Benevise, J. -P.
- III. Trambouze, Y.
- IV. Title: Kinetic ...

Office of Technical Services

M. Lasch

Physical Measurements of a Plastic For an Optical Medium.

ENGLISH, per, Journal of Applied Polymer Science,
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NTC 72-13782-111

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No 4, 1967, pp 339-350.
*NASA TT F-10,981

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NTC 71-16885-04A
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B. Bednarova-Novakova,
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DESCRIPTORS: *Convulsive disorders, *Epilepsy,
*Thalamus.

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- I. Ozaki, K.
- II. K-H 3618
- III. Kresge-Hooker Science
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CANADIAN, Journal of Chemistry, Vol 44, 1966,
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169-81(1956). ²⁰31p. ²⁴Dep. NTIS.

²⁶chemistry (physical); translations ²⁷07D

²⁸MN-4 ²⁹P NSA

REC (UCRL-Trans-10588) DIRECT MEASURE OF THE
LIQUID AMMONIA IONIZATION CONSTANT BETWEEN -77°
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CDD: 01442/71
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TARY REACTIONS OF RADIOLYSIS OF METHANE IN THE
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26chemistry (radio- and radiation); translations 2707E

28MN-4 29P NSA

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The Elementary Mechanisms of Heterogeneous Gas-Solid Kinetics. Effect of the Pressure of the Gas on These Kinetics, by Jean Besson, 10 pp. FRENCH, per, J. Chim Phys., Vol 61, 1964, pp 1018-1022.

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AEC-RFP-TRANS-31

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LATTICE DEFECTS. REACTION-DIFFUSION PROCESSES.
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AND CH₄. Delaunois, Y.; Frennet, A.; Lienard, G. ¹⁰Translated
for Univ. of California, Lawrence Livermore Lab., Livermore,
from ¹⁵J. Chim. Phys.; 63: No. 6, 906-15(1966). ²⁰23p. ²⁴Dep.
NTIS.

²⁶chemistry (physical); translations ²⁷07D

²⁸MN-4 ²⁸P NSA

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Complex and Pure Rate Systems Kinetic Laws and
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Photolysis of Light and Heavy Water Vapor in
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ARM/RSIC-998-70
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QUENCHING OF $O_2^+(b^1\Sigma_g^-)$ FORMED BY ELECTRON
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Le Calve, Jacques; Lesigne, Bernard. Translated for Argonne
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26chemistry (radio- and radiation); translations 2707E

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CONTRIBUTION TO THE STUDY OF ORGANIC
ACIDS IN BIOLOGICAL MEDIA. I. DIFFERENTIALS
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Order from SLA \$1.10

TT-64-10426

Trans. of Journal of Chromatography (Netherlands)
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DESCRIPTORS: *Biological products, *Organic acids,
Chromatographic analysis, *Paper chromatography,
Reagents, *Chemical indicators, *Biological stains,
Colorimetry.

(Chemistry--Analytical, TT, v. 11, no. 5)

TT-64-10426

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III. Title: Differentials...

Office of Technical Services

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Trans. of Journal of Chromatography (Netherlands)
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DESCRIPTORS: *Fractionation, Powders, Materials,
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Separation, Chromatographic analysis.

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DESCRIPTORS: *Gas chromatography, *Fatty acids,
Esters, Methyl radicals, Quantitative analysis,

I. Buhring, H.
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(Chemistry--Analytical, TT, v. 11, no. 5)

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