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Order from OTS, SLA, or ETC \$1.10 TT-64-16537

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no. 1/2, p. 11-13.

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

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DIMENSIONS. Aug 49 [5]p. BCRA Trans. no. 214;
[DSIR LLU] M1401.
Order from OTS or SLA \$1.10

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Trans. of [Steklo i Keramika] (USSR) 1947 [v. 4] no. 5,
p. 17.

DESCRIPTORS: *Ovens, Design.

I. Gel'man, M. M.
II. BCRA Trans-214
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Ginzburg, L. B.
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Order from OTS or SLA \$1.10

62-16152

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p. 9-11.

DESCRIPTORS: *Heat transfer, *Glass, Equations of
state, *Permeability, Thermodynamics, Calorimeters,
Furnaces, Fluid flow, Temperature, Distribution.

In experiments it was possible to approach the practical conditions of heat transmission of glass mass from gas flames and brick and at the same time create the conditions which prevent the occurrence of convectional flows of glass mass, and, consequently, to eliminate the influence of this factor on the transfer of heat. The value of the coefficient of heat conductivity (Materials--Ceramics, TT, v. 8, no. 7) (over)

62-16152

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Office of Technical Services

Fritless Glaze for Fayence, by A. M. Akh'yan.

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No 12, 1948, p 20.

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DESCRIPTORS: *Heat transfer, *Glass, *Thermal
radiation, Fused materials.

(Materials--Ceramics, TT, v. 10, no. 3)

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I. Rodnikova, V. V.
II. BGIRA/Tt/69/16
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SION). [1962] 8p.
Order from ATS \$16.00 ATS-62P64R

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DESCRIPTORS: *Furnaces, *Glass, Melting, Manu-
facturing methods.

(Materials--Ceramics, TT, v. 9, no. 2)

I. Gik, D. L.
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Orange, N. J.

ATS 62-3922

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GLASS IN TANK FURNACES (Bor'ba s Poyavleniem
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(Materials--Ceramics, TT, v. 11, no. 12)

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MLL Ref: 5828.4 1962 (5869)
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Sci - M/M
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Tunnel kiln in the Brick and Pottery Industries,
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1950, pp 13-.

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Sci - Engr

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No 3, 1951, p 17-.

DSII: LIU M.1199

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Engr;
Sci --- Min/Mat
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Memorandum
AERODYNAMIC RESISTANCE IN LARGE GLASS-
MELTING TANK BURNACES (Aerodinamicheskoe
Soprotivleniye Vannym Staklennym Pecham
Soprotivleniye Pecham Stakla) (1962) 12 pp. (German
reprint) (unclassified)
ON AERODYNAMIC RESISTANCE (12-1892)

Translated from Russian (USSR) by [redacted]
p. 4 (10)

DESCRIPTORS: Glass, Melting; Aerodynamics; Bu-
rners; Aerodynamic data; Aerodynamic heating.

Abstract: The insufficiency of traction resistance
of burners is compared with possible increases of
resistance of burners in different parts of the system.
A method is proposed for the aerodynamic calculation
of a burner's superperformance under conditions of
(Material constants, TT, No. 10, 9) (over)

12-1892

1. Title: Tank burners
2. Material: 12-1892

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Method of Measuring Thermal Conductivity of
Ceramic Materials, by I. A. Alparovich,
Yu. M. Iofe.

RUSSIAN, per, Steklo i Keramika,
Vol VIII, No 12, 1951, pp 21-23.

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Formation Process, by L. Y. Mazelev.

RUSSIAN, per, Steklo i Keram, No 5, 1952,
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The Temperature of Adhesion of Glass to Ferrous Metals, by B. T. Marinina, 3 pp.

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Introduction to the New Film "Doklady
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No 8, 1962, p 17-.

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Aleksandrov, A.P., Podlesnyi, Yu.A. and Dertev,
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POUDRE DE POLISSAGE À PARTIR DES RÉSIDUS DE
GRILLAGE DES PYRITES (Crocus from Pyrite Cinders).
9p, CNRS-VI 130.

Order from OTS, ETC or CNRS \$0.80 TT-62-28054

Trans. in French of Steklo i Keramika (USSR) 1953,
v. 10, no. 2, p. 15-17.

DESCRIPTORS: *Glass, *Grinders, *Pyrites, Powders,
Electrostatic precipitation.

(Materials--Ceramics, TT, v. 11, no. 7)

I. Aleksandrov, A.P.
II. Podlesnyi, Yu.A.
III. Dertev, N.K.
IV. CNRS-VI 130
V. Centre National de la Recherche
Scientifique, Paris

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European Translation Centre

Measurement of Electrical Conductivity of Glass in
Solid State, by V. I. Selyubskiy.

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13-15.

INEDOC-12081

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Composition of Fuchsin Selenide for the
Manufacture of Red Light Filters in the
Machines for Vertical Drawing of Glass, by
M. A. Tsurityn.

RUSSIAN, per; Steklo i Keram, No 10, 1953,
pp 6-11.

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Synthetic Extra-strong Mineral---Microlite,
by I. I. Kitaygorodskiy, N. M. Pavlushkin,
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RUSSIAN, per, Steklo i Keramika, No 11, 1953,
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RJ-1.75.

Price: \$12.20 (\$1.70)

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min/metals 18,091

V
Production of Highly Transparent Glass in Continuous-
Operation Tank Furnaces, by K. T. Bondarev & Others.

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Some of Physico-Chemical Properties of
Boron-Free Resistance Glasses, by M. M.
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RUSSIAN, per, Steklo i Keramika, Vol XI,
No 3, 1954, pp 10-13.

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The Structure of Glasses and the Properties of
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14 pp.

RUSSIAN, per, Steklo i Keramika, Vol XI, No 4, 1954,
pp 4-6.

SIA 59-10975

Sci -
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Vol 2, No 2

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Chemical stability of vitreous silicates and sodium aluminosilicates

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History of the Development of the Crystalline
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1956, pp. 4-7.

ATS RJ-1160

Sci - Phys
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Okhodin, M. V., Levina, K. S., and Vinogradova, E. K.

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Order from USSR or SLA \$1.60

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Trans. of Steklo i Keramika (USSR) 1954, v. 11, no. 3, p. 8-11.

DESCRIPTORS: *Glass, *Silicates, Crystallization, Manufacturing methods.

(Material Science, TT, v. 9, no. 3)

62-14900

- I. Title: Tempering
1. Okhodin, M. V.
- II. Levina, K. S.
- III. Vinogradova, E. K.

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Conference of Speeding Up of Glass Grinding
Polishing Processes, by M. M. Zagorchik, 12 p.

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No 8, pp 3-5.

SLA 60-10152

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Vol III, No 3

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The Use of Zinc Sulfate to Accelerate Glass
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frequency of female flight and the rate of
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1998, p 8.

DATE LUT M.1982

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