

Johns-Manville FINISHED PRODUCT SPECIFICATION	PRODUCT: SUPEREX FURNACE BLOCKS (PLAIN & SILICATED)	DIVISION	II
		SPEC. NO.	4322-12
		PAGE NO.	2 of 3

VI. PHYSICAL PROPERTIES AND REQUIREMENTS:

A. Density (pcf) (TM-II-432-11)

Optimum - 24
Maximum - 27

B. Modulus of Rupture (psi) (TM-II-432-14)

Minimum - 60

C. Abrasion Loss (%) (TM-ASTM-C-421 or TM-II-432-12) (Applies to MIL-I-2819 orders only)

10 minutes - 40 maximum
20 minutes - 70 maximum

D. Change After Soaking Heat (TM-ASTM C-356)

(24 hours @ 1900°F)

1. Loss in Weight (%) (TM-II-432-9)

Maximum - 10

2. Linear Shrinkage (%) (TM-II-432-9)

Optimum - 1.5
Maximum - 2.0

PLAINTIFF'S
EXHIBIT
K-1657

REC'D
MAY 23 '69
REF. TO
JOC
JEN
LMH
SEN
EE
W
FE

VII. TEST FREQUENCY:

Property

Frequency

A. Performed by Plant

1. Dimensions

-Check each piece at set-up and a minimum of one (1) piece per buggy thereafter.

2. Density

-Test a minimum of once per week.

3. Modulus of Rupture

-Test a minimum of once per week.

PLEASE RETURN TO
J-M RESEARCH
LIBRARY (MM)

DEFENDANT'S
EXHIBIT

OF - 229

X - INDICATES CHANGE — REASON: X1 To Delete Abrasion Loss Requirement for Standard Production.

AUTHORITY FOR CHANGE D. B. Wingerter with verbal approvals of Research and Product Manager.

SUPERSEDES Page 2, FPS-II-4322-12, issued 2/19/69

DIR. G.C.	MGR. G.C.	SUPR. G.C.	PROD. SUPT.	PLNT. PM.	H.E. Konrad	DATE ISSUED 5/21/69
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