

Johns-Manville FINISHED PRODUCT SPECIFICATION	PRODUCT:	DIVISION	II
	SUPEREX FURNACE BLOCKS (PLAIN & SILICATED)	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)

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

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.

DEFENDANT'S
EXHIBIT
05-130

PLEASE RETURN TO
J-M RESEARCH

X - INDICATES CHANGE — REASON: X1 - To Delete Hardness and Magnesia Content
X2 - To Add Test Frequency

AUTHORITY FOR CHANGE D.B. Wingerter per Approvals to Proposed FPS dated 1/27/69.

SUPERSEDED Page 2, FPS-II-4322-12, issued 10/15/58

DIR. O.C.	MGR. O.C.	SUPR. O.C.	PROD. SUPT.	PLNT. EN.	H.E. Konrad	DATE ISSUED	2/19/69
-----------	-----------	------------	-------------	-----------	-------------	-------------	---------

FORM 200-9 P.T.O. IN U.S.A.

OK/Gen 2/19/69

PLAINTIFF'S
EXHIBIT
K-1658