PLAINTIFF'S
EXHIBIT
KN-395

BEH

BALDWIN-EHRET-HILL, INC., TRENTON, N.J.

DATA SHEET

Product: Baldwin-Ehret-Hill Thermasil Pipe Insulation

Description: A lightweight, molded, hydrous calcium silicate pipe insulation, manufactured from a blend of special inorganic ingredients reinforced with selected long asbestos fibers.

Uses: All standard copper tubing or iron pipe sizes, at temperatures up to 1200 F.

Features: Smooth and dust free - strong and structurally stable - lightweight - thermally efficient - non-combustible - unaffected by water - will not warp, shrink, crack or crumble - molded to exact dimensions - long service life - easily installed with standard equipment - economical

Technical Data:

Temperature limit	up to 1200 F.
Density (dry)	11-1/2 lb/cu. ft.
Sizes: See Catalog	
Flexural Strength* (Modulus of Rupture)	55 - 65 psi
Compressive Strength* (at 5% deformation)	65 - 75 psi
Linear shrinkage after 24 hr. soaking heat	Max. 1.5% at 1200 F.

*Same as block

Thermal Conductivity

Mean Temp.	"K"
100 F.	0.31
300 F.	0.41
500 F.	0.51
700 F.	0.61

Thicknesses recommended - See Catalog

Specifications:

Federal Specification - HH-I-523a, Class 2

Military Specification - MIL-I-2781 C { Grade I, Class b; Grade II, Class d; Grade III, Class e, Type I

ASTM Specification - C 345

Packaging: Corrugated boxes

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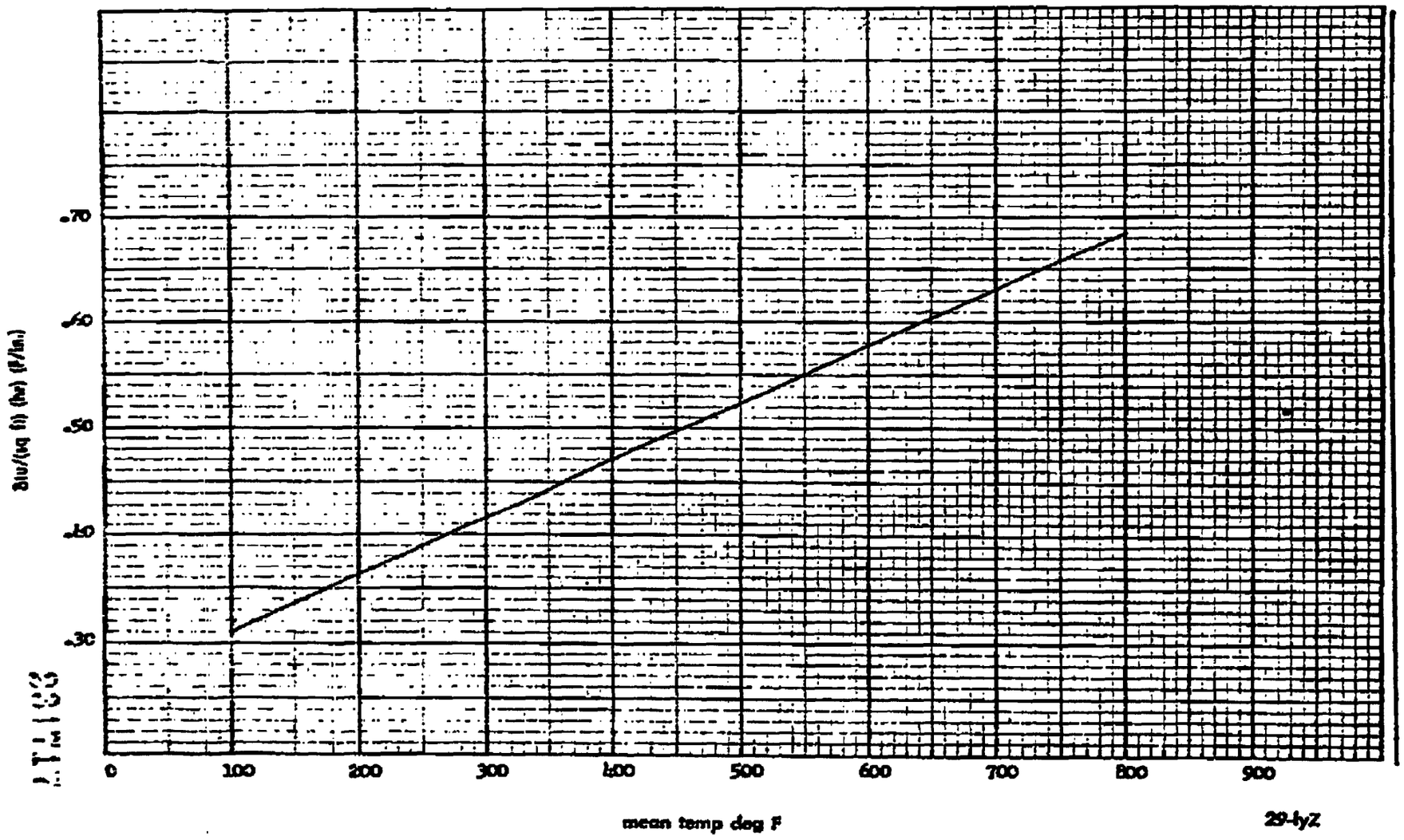
Date: October 17, 1960 Supersedes: August 26, 1960 Section: D-5 Page: 1-A

THERMAL CONDUCTIVITY OF B-E-H THERMASIL



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