



PRODUCT DATA

Brand Name: PYROCAST FPM

Description: PYROCAST FPM is a fine-grained, cement-bonded product that can be used for the lining in sulfur pits in oil refineries. This product has been formulated to resist attack by mild sulphur solutions. PYROCAST FPM is manufactured with a calcium silicate binder and should not be exposed to sustained temperatures above 800°F (427°C). This product can be installed by casting, gunning, or handpacking methods.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Typical Water Required for Mixing (by weight) :

Vibration Casting..... 13.0 to 15.0%

Bulk Density (pcf)

After 70°F (21°C)

Vibration Casting Data

130 - 135 (2.08 - 2.16 g/cm³)

Cold Crushing Strength (psi)

After 70°F (21°C)

4500 (385 - 560 kg/cm²)

Typical Chemical Analysis (%)

(Calcined Basis)

Silica (SiO ₂)	81.6
Alumina (Al ₂ O ₃)	0.8
Lime (CaO)	15.9
Iron Oxide (Fe ₂ O ₃)	0.6
Titania (TiO ₂)	0.4
Magnesia (MgO)	0.7
Alkalies (Na ₂ O+K ₂ O)	Trace

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 1530

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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