



# PRODUCT DATA

**Brand Name:** PYROCAST FPM (TL0222)

**Description:** PYROCAST FPM (TL0222) 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.  
Also, this product can be used for protection on building and structures against elevated temperatures, as a result of fire outbreak.  
PYROCAST FPM (TL0222) 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.

**Typical Water Addition for Mixing (by weight):**  
For Vibration Casting ..... 13.0 to 15.0%

Data based on Vibration Cast Samples

**Bulk Density (pcf)**  
After Air Curing for 7 Days: 130 - 135 (2080 - 2160 kg/m<sup>3</sup>)

**Cold Crushing Strength (psi)**  
After Air Curing for 7 Days: 4500 (315 kg/cm<sup>2</sup>)

**Typical Chemical Analysis (%)**

Al <sub>2</sub> O <sub>3</sub> .....	0.8
SiO <sub>2</sub> .....	81.6
Fe <sub>2</sub> O <sub>3</sub> .....	0.6
TiO <sub>2</sub> .....	0.4
CaO .....	15.9
MgO .....	0.7
Alkalies .....	tr

**Standard Packaging:** 55 lb bag; 72 bags per pallet ; bulk packaging available

The properties shown on this data sheet represent typical average results generated 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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