



PRODUCT DATA

Brand Name: **PACOCAST 28LI-DS**
(TL 0320)

Description: A dust suppressed version of PACOCAST 28LI, that has been formulated for casting and gunning with low rebound loss.

Maximum Service Temperature: 2800°F (1540°C)

Typical Water Required for Casting: 11 to 12%

| | | |
|---------------------------|--------------------|--------------------------------|
| Bulk Density (pcf) | (Cast Data) | |
| After 1500°F (815°C) | 122 - 132 | (1952-2112 kg/m ³) |

| | | |
|-------------------------------------|--------------|----------------------------------|
| Cold Crushing Strength (psi) | | |
| After 1500°F (815°C) | 2500 to 5500 | (175 to 385 kg/cm ²) |

| | | |
|---------------------------------|------------|--------------------------------|
| Modulus of Rupture (psi) | | |
| After 1500°F (815°C) | 200 to 400 | (14 to 28 kg/cm ²) |

| | | |
|------------------------------------|--------------|--|
| Permanent Linear Change (%) | | |
| After 1500°F (815 °C) | -0.1 to +0.2 | |
| After 2750°F (1510°C) : | -0.1 to +0.2 | |

| | |
|--------------------------------------|--------|
| Typical Chemical Analysis (%) | |
| Al ₂ O ₃ | 43.0 % |
| SiO ₂ | 48.8 |
| Fe ₂ O ₃ | 1.0 |
| CaO | 5.7 |
| TiO ₂ | 1.4 |
| MgO | tr |
| Alkalies | 0.1 |

Standard Packaging: 72 - 55 lb bags per pallet

This data represents average properties and should not be considered guaranteed specifications
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sales office to make sure you have a current data sheet, since this technical data may have
changed. (MCL)



PRODUCT DATA

PACOCAST 28LI-DS (Gunned Data)

Typical Water Required for Predampening : 1 to 2%

Bulk Density (pcf) (Gunned Data)
After 1500°F (815°C) : 120 - 130 (1920 -2080 kg/m³)

Cold Crushing Strength (psi)
After 1500°F (815°C) : 2000 to 4000 (140 to 280 kg/cm²)

Modulus of Rupture (psi)
After 1500°F (815°C) : 300 to 700 (21 to 49 kg/cm²)

Permanent Linear Change (%)
After 1500°F (815°C) : 0.0 to +0.2
After 2750°F (1510°C) : -0.1 to +0.2

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 specification. 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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