PRODUCT DATA

RESCO® PRODUCTS, INC.

Brand Name: **PACOCAST 28LI**

Description: PACOCAST 28LI castable combines the qualities of a pyrophyllite/andalusite mineral based composition. Its low iron content makes it ideal for higher temperatures and reducing atmospheres. PACOCAST 28LI should be installed using vibration casting, **It is not recommended for gunning use; for gunning see HM-28 LI.**

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

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

Typical Water Required for Mixing (by weight) :

Vibration Casting ……..…… 11.5%

	Vibration Cast Data	
Bulk Density (pcf)		
After 1500°F (815°C)	126	(2.02 g/cm^3)
Cold Crushing Strength (psi)		
After 1500°F (815°C)	2500 - 6000	(175 - 420 kg/cm^2)
Thermal Conductivity (K Factor)	BTU/ft^2/hr./°F/inch	W/mK
800°F (427°C)	7.4	1.07
1000°F (538°C)	7.5	1.08
1500°F (815°C)	8.7	1.26
Permanent Linear Change (%)		
After 1500°F (815°C)	-0.2 to +0.2	

Typical Chemical Analysis (%)
(Calcined Basis)

Alumina (Al_2O_3) ……..	43.0
Silica (SiO_2) ……..	48.8
Iron Oxide (Fe_2O_3) ……..	1.0
Titania (TiO_2) ……..	1.4
Lime (CaO) ……..	5.7
Alkalies (Na_2O+K_2O) ……..	0.1

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

Brand Code: 0228

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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05/19/2020 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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