

CERCAST 1650

Product Information Sheet

Monolithic Refractory

A super duty, low iron castable exhibiting good strengths and volume stability.

Maximum Service Temp: 1650°C
Maximum Grain Size: 7 mm
Standard Packaging*: Sack - 25kg
Estimated Coverage:** 2200 kg/m³
Initial Heat Up Schedule: B
Water Addition: 8.5-9.5%

Reversible Thermal Expansion @ 1000°C: 0.60%
Curing Time: 24 Hrs
Storage Life: 12 Months
Setting: Hydraulic
Abrasion Loss: NA
ASTM C704

Chemical Analysis

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies		
53	38	0.9	1.7	5.5	0.4		

Typical Physical Properties: On cast samples.

Prefired To	Bulk Density	Cold Crushing Strength	Cold Modulus of Rupture	Permanent Linear Change
°C	kg/m ³	MPa	MPa	%
110	2300	55.00	10.50	-0.05
1100	2150	25.00	2.50	-0.13
1300	2150	35.00	4.50	+0.10

Other Physical Properties

Prefired To	Apparent Porosity	Thermal Conductivity	Hot Modulus of Rupture	Permanent Volume Change
°C	%	W/mK	MPa	%
110	-	-	-	-
1100	-	0.97	-	-
1300	-	1.12	-	-

Formerly: PLICAST 1650, LEA10122

Product Number: LEA10122 **MSDS Reference:** CERCAST 1650 msds

Effective Date: Dec-08 **Revision:** 0

*Please enquire for other packaging options

**Estimated coverage on gungrades does not include rebound

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted Australian standard test methods conducted under controlled conditions, and are subject to normal manufacturing variations. Vesuvius reserves the right to modify the properties and specifications at any time without prior notice.

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