



Type: High Alumina Castable
Product name: ZOBCAST 50
Main raw materials: Fire Clay
Installation Method: Casting
Application: General

Physical Properties

Properties	Unit	Amount
Refractoriness	(°C)	1500
Grain Size	mm	0-5
Bulk Density	gr/cm ³	Min2.4
Cold Crushing Strength	kg/cm ²	400-550
Water Demand	%	8-9.5

Chemical analysis

Oxide	Chemical Formula	Amount (Wt %)
Alumina	Al ₂ O ₃	48.5-51
Calcium Oxide	CaO	3
Silica	SiO ₂	40
Ferric Oxide	Fe ₂ O ₃	2.5
Titanium Dioxide	TiO ₂	2

Description: ZOBCAST 50 has good strength through its temperature range and excellent refractoriness and very good abrasion and corrosion resistance. Its good hot strength makes it proper for application with very high temperature.

Packing: 1 Mt Big bag

Shelf Life: 12 months

Note: The properties shown on this datasheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions (using standard rectangular shapes) and should not be considered to be guaranteed specifications .



No. 2, 3th floor, Honar
Deadend Alley, Mellat
St, Jomhoori St, Tehran-
Iran



+98-21-36348753
+98-21-33113657
+98-912-3057822



info@zobyar.com
S.maskoukian@zobyar.com