



**Type:** High Alumina Castable  
**Product name:** ZOBCAST 70  
**Main raw materials:** Bauxite  
**Installation Method:** Casting  
**Application:** General

### Physical Properties

Properties	Unit	Amount
Refractoriness	(°C)	1650
Grain Size	mm	0-5
Bulk Density	gr/cm <sup>3</sup>	2.65
Cold Crushing Strength	kg/cm <sup>2</sup>	500-700
Water Demand	%	8-9.5

### Chemical analysis

Oxide	Chemical formula	Amount (Wt %)
Alumina	Al <sub>2</sub> O <sub>3</sub>	70-72.5
Calcium Oxide	CaO	3
Silica	SiO <sub>2</sub>	21
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	2
Titanium Dioxide	TiO <sub>2</sub>	2

**Description:** ZOBCAST 70 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 .



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