



ISO 9001:2008



# AZAR SHAHAB REFRACTORIES CO. ARCAST A85ULCC-SFC

## General Properties

**Classification**..... High Alumina Castable  
**Description**.....Ultra Low Cement Hydraulic Bonded Refractory Castable  
**Raw Material Basis**.....Bauxite  
**Bond**..... Hydraulic  
**Installing Method**..... Without Vibrating  
**Packaging**..... 25 kg net weight multi proof sacks  
**Storage Life (Month)**.....9  
**Grain Size (mm)**..... Max 6  
**Water Required (%)**..... 5-7

## Main Chemical Component

Al <sub>2</sub> O <sub>3</sub> )%	SiO <sub>2</sub> )%	Fe <sub>2</sub> O <sub>3</sub> )%	CaO )%
84	11	2	1.2

## Physical & Thermal Properties

**Maximum Service Temperature (°C)** .....1780  
**Bulk Density at 110 °C (gr/cm<sup>3</sup>)** ..... 2.7-2.9  
**Cold Crushing Strength (kg/cm<sup>2</sup>)**  
 After Drying at 110 °C .....600-800  
 After Firing at 1400 °C..... 700-900  
**Permanent Linear Change (%)**  
 After Drying at 110 °C .....Negligible  
 After Firing at 1000 °C ..... (-0.2) to (+0.2)

All data subject to reasonable deviation and therefore, should not be used for specification purposes.

**Phone : 041 - 33467521-7**

**Fax : 041 - 33467247**

**Web: [www.azarshahab.com](http://www.azarshahab.com)**

**Email: [info@azarshahab.com](mailto:info@azarshahab.com)**