ISO 9001:2008

AZAR SHAHAB REFRACTORIES CO.

ARCAST A85

General Properties

Classification……High Alumina Castable

Description……Classical Hydraulic Bonded Refractory Castable

Raw Material Basis……Bauxite

Bond……Hydraulic

Installing Method……Casting / Vibrating

Packaging……25 kg net weight multi proof sacks

Storage Life (Month)……9

Grain Size (mm)…… Max 6

Water Required (%)……8-10

Main Chemical Component

Al_2O_3 (%)	SiO_2 (%)	Fe_2O_3 (%)	CaO (%)
85	6.5	2	4

Physical & Thermal Properties

Maximum Service Temperature (ºC) ……1680

Bulk Density at 110 ºC (gr/cm³) …… 2.60-2.70

Cold Crushing Strength (kg/cm²)

After Drying at 110 ºC …… 700-900

After Firing at 1400 ºC…… 700-900

Permanent Linear Change (%)

After Drying at 110 ºC ……Negligible

After Firing at 1000 ºC …… (-0.2) to (+0.2)

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

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