



ISO 9001:2008



AZAR SHAHAB REFRACTORIES CO. ARCASTA95ULCC-SFC

General Properties

Classification	High Alumina Castable
Description	Ultra Low Cement Hydraulic Bonded Refractory Castable
Raw Material Basis	Tabular Alumina
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 (%)	4.5-6.5

Main Chemical Component

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	CaO (%)
95	3.9	0.1	1

Physical & Thermal Properties

Maximum Service Temperature (°C)	1880
Bulk Density at 110 °C (gr/cm³)	2.90-3.10
Cold Crushing Strength (kg/cm²)	
After Drying at 110 °C	800-1000
After Firing at 1400 °C.....	900-1100
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.

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