



AZAR SHAHAB REFRACTORIES CO. ARCASTA95ULCC

General Properties

Classification..... High Alumina Castable for Arc Furnace Delta
Description.....Ultra Low Cement Hydraulic Bonded Refractory Castable
Raw Material Basis.....Tabular Alumina
Bond.....Hydraulic
Additional Information Containing Steel needles and Chrome Oxide
Installing Method.....Casting / Vibrating
Packaging.....25 kg net weight multi proof sacks
Storage Life (Month).....9
Grain Size (mm)..... Max 6
Water Required (%).....5.0-7.0

Main Chemical Component

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	CaO (%)
95	2	0.1	0.9

Physical & Thermal Properties

Maximum Service Temperature (°C)1880
Bulk Density at 110 °C (gr/cm³) 2.95-3.15
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 °CNegligible
 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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