



ISO 9001:2008



AZAR SHAHAB REFRACTORIES CO.

ARGUN A85

General Properties

Classification.....High Alumina Gunning Mix
Description.....Classical Hydraulic Bonded Refractory Gunning
Raw Material Basis.....Tabular Alumina /Bauxite
Bond.....Hydraulic
Installing Method.....Gunning
Packaging.....25 kg net weight multi proof sacks
Storage Life (Month)..... 9
Grain Size (mm)..... Max 6
Water Required (%).....Nozzle Added

Main Chemical Component

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	CaO (%)
85	7	2	4

Physical & Thermal Properties

Maximum Service Temperature (°C)1680
Bulk Density at 1000 °C (gr/cm³) 2.60-2.70
Cold Crushing Strength (kg/cm²)
 After Drying at 110 °C 500-700
 After Firing at 1400 °C.....550-750
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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