



ISO 9001:2008



AZAR SHAHAB REFRACTORIES CO.

ARGUN A50

General Properties

Classification..... Alumina Gunning Mix
Description.....Classical Hydraulic Bonded Refractory Gunning
Raw Material Basis.....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 (%)
50	33	1.5	9

Physical & Thermal Properties

Maximum Service Temperature (°C)1395
Bulk Density at 1000 °C (gr/cm³) 2.10-2.20
Cold Crushing Strength (kg/cm²)
 After Drying at 110 °C 300-400
 After Firing at 1350 °C.....320-420
Permanent Linear Change (%)
 After Drying at 110 °C..... Negligible
 After Firing at 1000 °C (-0.5) to (+0.3)

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

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