



AZAR SHAHAB REFRACTORIES CO.

AR COIL COAT A85

General Properties

Classification.....High Alumina Refractory
Description..... Special Refractory For Electric Arc Furnace
Raw Material Basis.....Bauxite
Bond.....Hydraulic
Installing Method..... Trowelling
Packaging.....25 kg net weight multi proof sacks
Storage Life (Month).....9
Grain Size (mm)..... Max 3

Main Chemical Component

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	CaO (%)
82	10	1.5	3.5

Physical & Thermal Properties

Maximum Service Temperature (°C)1640
Bulk Density at 110 °C (gr/cm³) 2.55-2.65
Cold Crushing Strength (kg/cm²)
 After Firing at 1000 °C 400-600
 After Firing at 1400 °C..... 400-600
Permanent Linear Change (%)
 After Drying at 110 °C (-0.2) to (0)
 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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