



ISO 9001:2008



AZAR SHAHAB REFRACTORIES CO. ARCAST A60MCC

General Properties

Classification.....High Alumina Castable
Description.....Medium Cement Hydraulic Bonded Refractory Castable
Raw Material Basis.....Bauxite
Bond.....Hydraulic
Installing Method.....Casting / Vibrating
Packaging.....25 kg net weight multi proof sacks
Storage Life (Month).....9
Grain Size (mm)..... Max 6
Water Required (%).....8-10

Main Chemical Component

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	CaO (%)
60	30	2	3

Physical & Thermal Properties

Maximum Service Temperature (°C)1600
Bulk Density at 110 °C (gr/cm³) 2.3-2.4
Cold Crushing Strength (kg/cm²)
 After Drying at 110 °C 500-700
 After Firing at 1400 °C..... 500-700
Permanent Linear Change (%)
 After Drying at 110 °CNegligible
 After Firing at 1000 °C (-0.3) to (+0.2)

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

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