

A 1700°C low iron 60% alumina castable with good working properties and excellent thermal shock resistance.

Characteristics

Bond Type	Hydraulic
Raw Material Base	Calcined Chamotte and Bauxite
Maximum Service Temperature °C	1700
Refractoriness °C (Seeger Cone)	1790 (36)
Bulk Density kg/m ³ Dried to 110°C	2210
Net Material Required Cast (Gunned) kg/m ³	2130 (n/a)

Physical Properties

Test Temperature °C	Cold Crushing Strength N/mm ²	Permanent Linear Change %
110	17	nil
800	11	-0.1
1000	11	-0.2
1300	15	-0.5
1600	60	+/-0.5

Thermal Conductivity at mean temp. 600°C (W/mK)	0.86
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Chemical Analysis	(%)
Al ₂ O ₃	63
SiO ₂	30
CaO	2.8
Fe ₂ O ₃	1.2
Cr ₂ O ₃	-
SiC	-
P ₂ O ₅	-
MgO	-

Water Addition	
% by weight	11-13
Litres/25kgs	2.75-3.25

Samples Prepared By : Hand Casting

Reference No.	TMD455/01/5
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The above data is determined by regular sample testing in accordance with British Standard 1902 (where applicable). Because normal manufacturing tolerances apply, the data should not be taken as a precise specification.

Your local contact :-



ISO 9002 Approved

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