



CUMIHEAT



BROWN FUSED ALUMINA

Brown Fused Alumina grains are manufactured by controlled fusion – reduction process of Bauxite, in an electric arc furnace followed by slow solidification. The melting point of brown alumina is > 2000°C and has high refractoriness. Fused Alumina has a relatively high thermal conductivity and low thermal expansion. It shows excellent resistance to chemical corrosion and abrasion.

APPLICATION

CUMIHEAT ABMC is especially designed for manufacturing of high alumina catables for refractory linings.

GRAIN SIZES AVAILABLE

ABMC (ASTM Sieves) : 0-1mm, 1-3mm, 3-5mm, 5-10mm, -6+10, -8+16, -16+30, -30+60, and Fines.

Customer specific size can be supplied as request.

TYPICAL PROPERTIES

Physical Properties		
Property	Unit	Value
Hardness	Mohs Scale	9
Specific gravity		3.93

Chemical composition	
Constituent	Value *
Al ₂ O ₃	95.33 %
TiO ₂	2.73 %
SiO ₂	0.79 %
Fe ₂ O ₃	0.37 %
CaO	0.78 %

* Analyzed for Grit F 60

Packing: 25 kg multiply paper bags of 1000 kg palletized. Other packaging types on request

General Inquiries:-

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