

BFA

# REFRACTORY » REFRACTOLUM™



A HIGH QUALITY BFA REFRACTORY GRAIN; ITS INHERENT REFRACTORINESS COMBINED WITH EXCELLENT CORROSION AND EROSION RESISTANCE RESULTING IN EXTENDED SERVICE LIFE.

Product code: BF-RF-T

## Description

Brown Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of calcined bauxite in an electric arc furnace. Brown fused alumina is iron-free and extremely tough.

## Applications

- Shaped refractories (bricks, etc.)
- Monolithics
- Castables
- Mortars



AVAILABLE SIZES		
<b>REGULAR REFRACTORY SIZES</b>		
Metric	Avg. Grain Size (mm)	
	0 - 1	
	1 - 3	
	3 - 5	
	5 - 8	
	6-12	
	10-20	
Also available according to DIN sieve norm		
<b>MICRO SIZES - AVAILABLE UPON REQUEST</b>		
<b>SPECIAL SIZES</b>		
Size	mm	mesh
	40 F (µm)	
	90/150 (µm)	
	0 - 0,5	6 -10
	20 - 40	325
Additional specialty sizes available upon request		

TYPICAL CHEMICAL ANALYSIS (Tilt Furnace)	
Al <sub>2</sub> O <sub>3</sub>	95,53%
TiO <sub>2</sub>	2,60%
SiO <sub>2</sub>	0,79%
CaO	0,41%
Fe <sub>2</sub> O <sub>3</sub>	0,10%

TYPICAL PHYSICAL PROPERTIES	
Hardness	9 mohs
Grain shape	Angular, with sharp edges
Specific gravity	Approx. 3,9 - 4,1 g/m <sup>3</sup>

PACKAGING
25 kg paper or plastic bags on pallet up to 1 ton
1 ton loose in bulk bag
Other packaging available upon request

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relatively minor variations in chemistry or physical characteristics could result in problems or damage to the production process or product as your intended application of this product is so critical, please contact our office for further assistance.