



# CUMI **SHARP**



## WHITE FUSED ALUMINA

White Fused Aluminium oxide grains is a high purity medium density product manufactured in electric arc furnace from a controlled quality of pure grade Bayer Alumina. It is more friable than regular Brown grade produced from Bauxite. The grains are sharp pyramidal which provide good projectability during the electro coating process.

## APPLICATION

**CUMI SHARP** White Fused Aluminium oxide grains is especially designed for manufacturing Anti skid tiles and abrading quality of the grains provides the best source as anti skid agents.

## GRAIN SIZES AVAILABLE

F60, F80, F100, F120, F150 F180 & F220

as per FEPA (Federation of European Producers of Abrasives) standard 42-1:2006.

Other sizes are available on request

## TYPICAL PROPERTIES

Physical Properties		
Property	Unit	Value
Hardness	Mohs Scale	9
Hardness	Knoop Scale (Kg/mm <sup>2</sup> )	2150
Specific gravity		3.8

Chemical composition	
Constituent	Value
Al <sub>2</sub> O <sub>3</sub>	99.50 %
TiO <sub>2</sub>	0.02 %
SiO <sub>2</sub>	0.03 %
Fe <sub>2</sub> O <sub>3</sub>	0.04 %
Na <sub>2</sub> O	0.38 %

## BULK DENSITY (TYPICAL)

Grit	g/cc	Grit	g/cc
60	1.70 – 1.82	150	1.54 – 1.62
80	1.65 – 1.75	180	1.50 – 1.58
100	1.60 – 1.70	220	1.48 – 1.55
120	1.57 – 1.67		

Values obtained according to FEPA 44-1-:2006

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

### General Inquiries:-

salesemd@cumi.murugappa.com  
info@cumi-emd.eu  
[www.cumi-emd.eu](http://www.cumi-emd.eu)

Alumina Plant:-  
**CARBORUNDUM UNIVERSAL LIMITED**  
Electro Minerals Division  
P.B.No.1, Kalamassery Development Plot PO  
Kochi - 683 109, India  
Tel.: +91 484 2540799; Fax: +91 484 2532019  
salesemd@cumi.murugappa.com

SiC Plant:-  
**CARBORUNDUM UNIVERSAL LIMITED**  
Electro Minerals Division  
P.B.No.3, Nalukettu  
Koratty - 680 308, India  
Tel.: +91 480 2732313; Fax: +91 484 2732821  
salesemd@cumi.murugappa.com

Europe Contact:-  
Schmiedegasse 24  
D-50735 Köln, Germany  
Tel.: +49 (0)151 1274 0882  
Fax: +49 (0)221 2714 0047  
info@cumi-emd.eu