



# 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 of coated abrasives and for polishing applications.

## GRAIN SIZES AVAILABLE

P12, P14, P16, P20, P24, P30, P36, P40, P46, P50, P60, P70, P80, P90, P100, P120, P150, P180 and P220 as per FEPA (Federation of European Producers of Abrasives) standard 43-1:2006.

## 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>	99.52 %
TiO <sub>2</sub>	0.03 %
SiO <sub>2</sub>	0.02 %
Fe <sub>2</sub> O <sub>3</sub>	0.03 %
Na <sub>2</sub> O	0.38 %

BULK DENSITY (TYPICAL)							
Grit	g/cc	Grit	g/cc	Grit	g/cc	Grit	g/cc
12	1.60 – 1.80	30	1.65 – 1.80	70	1.60 – 1.80	150	1.45 – 1.60
14	1.60 – 1.80	36	1.60 – 1.80	80	1.58 – 1.73	180	1.42 – 1.60
16	1.60 – 1.80	40	1.60 – 1.80	90	1.58 – 1.73	220	1.40 – 1.58
20	1.65 – 1.80	50	1.60 – 1.80	100	1.50 – 1.65		
24	1.65 – 1.80	60	1.60 – 1.80	120	1.48 – 1.63		

Values obtained according to FEPA 44-1:2006

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

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