



# 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.

## APPLICATION

**CUMI SHARP** White Fused Aluminium oxide grains used Used as the heat medium in fluidized bed furnaces. The use of white fused aluminium oxide provides uniform distribution and leads to even annealing of parts with complex surfaces or contours.

## GRAIN SIZES AVAILABLE

F 90 & F 100 as per FEPA (Federation of European Producers of Abrasives) standard 42-1:2006.

Other sizes 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>	0.02 %
Na <sub>2</sub> O	0.38 %

\* Analyzed for Grit F 24

BULK DENSITY (TYPICAL)	
Grit	g/cc
90	1.63 – 1.73
100	1.60 – 1.70

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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