

# WFA SANDBLASTING



A HIGH QUALITY WFA, WITH HIGH PURITY AND LARGE CRYSTAL SIZE. SUITABLE FOR HIGH-END BLASTING APPLICATIONS IN FOR EXAMPLE THE AEROSPACE INDUSTRY.

Product code: WF-SB

## Description

White Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of alumina in an electric arc furnace.

White fused alumina is iron-free, ultra pure and extremely hard.

## Applications

- Re usable abrasive
- Grinding, lapping and polishing
- Ceramic grinding wheels

## Blasting Systems

- Pressure blast systems
- Injection blast cabinets



TYPICAL CHEMICAL ANALYSIS	
Al <sub>2</sub> O <sub>3</sub>	99,50%
SiO <sub>2</sub>	0,14%
Fe <sub>2</sub> O <sub>3</sub>	0,03%
Na <sub>2</sub> O	0,30%
CaO	0,02%

TYPICAL PHYSICAL PROPERTIES	
Hardness	9 mohs
Grain shape	Blocky, with sharp edges
Specific gravity	Approx. 3,9 - 4,1 g/m <sup>3</sup>
Bulk density (Dependent upon granular size)	Approx. 1,4 - 1,9 g/m <sup>3</sup>

PACKAGING
25 kg paper or plastic bags on pallet up to 1 ton
1 ton loose in bulk bag
<a href="#">Other packaging available upon request</a>

AVAILABLE SIZES		
<b>SPECIAL SIZES</b>		
<a href="#">Specialty sizes available upon request</a>		
<b>REGULAR SIZES &amp; TYPICAL BULK DENSITY</b>		
FEPA	Avg. Grain Size (µm)	Typical Bulk Density (g/cm <sup>3</sup> )
F008	2000 - 2800	1,70 - 1,85
F010	1700 - 2360	1,70 - 1,85
F012	1400 - 2000	1,70 - 1,85
F014	1180 - 1700	1,70 - 1,85
F016	1000 - 1400	1,70 - 1,84
F020	850 - 1180	1,70 - 1,84
F022	710 - 1000	1,65 - 1,84
F024	600 - 850	1,65 - 1,84
F030	500 - 710	1,65 - 1,83
F036	425 - 600	1,65 - 1,82
F040	355 - 500	1,64 - 1,82
F046	300 - 425	1,63 - 1,79
F054	250 - 355	1,62 - 1,79
F060	212 - 300	1,62 - 1,77
F070	180 - 250	1,60 - 1,75
F080	150 - 212	1,61 - 1,71
F090	125 - 180	1,56 - 1,70
F100	106 - 150	1,55 - 1,68
F120	90 - 125	1,53 - 1,68
F150	63 - 106	1,51 - 1,61
F180	63 - 90	1,50 - 1,60
F220	53 - 75	1,46 - 1,55
<a href="#">Micro Sizes - available upon request</a>		

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