

AIRBLAST ABRASIVES

White Fused Alumina



AIRBLAST



Product and Applications

White Fused Alumina is mainly used as a recyclable abrasive in blast cabinets and blast rooms, where high purity of the abrasive is required. Because of its low iron content, white fused alumina is often used in blasting operations where iron contamination on the non-ferrous metal substrate is not allowed. White Fused Alumina is the purest alumina and it is very hard and sharp with a fast cleaning rate.

Chemical composition

Al ₂ O ₃	Na ₂ O	Fe ₂ O ₃	SiO ₂
99.58%	0.33%	0.03%	0.06%

Physical properties

Grain shape	: Angular
Hardness	: 9.0 mohs
Bulk density	: 1.4 - 2.1 g/cm ³
Specific gravity	: min. 3.95 g/cm ³
Colour	: White

Size

F08	2000-2800 µm	F46	300 - 425 µm
F10	1700-2360 µm	F54	250 - 355 µm
F12	1400-2000 µm	F60	212 - 300 µm
F14	1180-1700 µm	F70	180 - 250 µm
F16	1000-1400 µm	F80	150 - 212 µm
F20	850-1180 µm	F90	125 - 180 µm
F22	710-1000 µm	F100	106 - 150 µm
F24	600 - 850 µm	F120	90 - 125 µm
F30	500 - 710 µm	F150	63 - 106 µm
F36	425 - 600 µm	F180	63 - 90 µm
F40	355 - 500 µm	F220	53 - 75 µm

Packaging

- 25 kgs. PE bags on EURO-pallet (max. 1000 kgs.)
- 1000 kgs. in big bag