



Phone: 01302 714517

Fax: 01302 714023

Email: sales@keyabrasives.co.uk

Website: www.keyabrasives.co.uk

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Technical Data Sheet – White Aluminium Oxide

White Aluminium Oxide is purer than brown as it has been through another process making it purer, with less iron content. It is suitable for hi tech application work such as that in the aero industry.

Product is packed in 25kg bags

Tariff Code 2818200090

Chemical Composition

Component Name	Code	Concentration
Aluminium Oxide	AL ₂ O ₃	99.00%
Silica DiOxide	SiO ₂	0.03-0.07%
Sodium Oxide	Na ₂ O	0.14-0.36%
Iron Oxide	FE ₂ O ₃	0.02-0.09%

Physical Properties

Physical state	Solid, Angular, White
Odour	None
Explosion Limits (%)	None
Flash point:	None
Solubility in water (kg/m ³)	Insoluble
Density (kg/m ³)	
Hardness	

Grade Sizes

Fepa	Mesh	Microns
F20	16/20	850-1180
F36	30/40	425-600
F46	40/50	300-425
F70	60/80	180-250
F80	70/100	150-212
F90	80/100	125-180
F100	90/120	106-150
F120	100/180	90-125