

Polishing Alumina

AC34

Standard Calcined Alumina

PRODUCT INFORMATION

Hard calcined aluminium oxide Al_2O_3 , mainly alpha phase, with a medium soda content.

This grade is used for the production of ceramics, electrofused bricks, fibers, corundum and in the polishing industry.

CHARACTERISTICS

Physical Characteristics	Unit	Typical Value
Particle Size Distribution (Malvern)		
D50	μm	70
< 15 μm	%	13
< 125 μm	%	88
Blaine Surface Area	cm^2/g	5300
Bulk Density	g/cm^3	0.85
Loss on ignition 20°C/1000°C	%	0.13
Chemical Characteristics	Unit	Typical Value
Al_2O_3 (by difference)	%	99.6
Na_2O total	ppm	3600
CaO	ppm	130
SiO_2	ppm	130
Fe_2O_3	ppm	130
Polishing Characteristics	Unit	Typical Value
Oleic Acid absorption	ml/100g	52
Cut		8
Polish		2

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