

Polishing Alumina

AC44B5

Ground Calcined Alumina

PRODUCT INFORMATION

Hard calcined aluminium oxide Al₂O₃, mainly alpha phase, with a standard soda content. This product is ball milled.

This grade is used in the ceramic industry, mainly for the production of ceramic rollers and brake pads and in the polishing industry.

CHARACTERISTICS

Physical Characteristics	Unit	Typical Value
Particle Size Distribution (Malvern)		
D50	µm	5
< 24 µm	%	98
Blaine Surface Area	cm ² /g	5000
Bulk Density	g/cm ³	0.85
Chemical Characteristics	Unit	Typical Value
Al ₂ O ₃ (by difference)	%	99.6
Na ₂ O total	ppm	3600
CaO	ppm	150
SiO ₂	ppm	150
Fe ₂ O ₃	ppm	150
Polishing Characteristics	Unit	Typical Value
Oleic Acid absorption	ml/100g	20
Cut		5
Polish		4

Valid after : 2005/10/14

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