

Polishing Alumina

AR12TA

Low Calcined Alumina

PRODUCT INFORMATION

Low calcined aluminium oxide Al₂O₃, around 80 % of alpha alumina content.
This product is sieved to avoid coarse.

This grade is used in the polishing industry.

CHARACTERISTICS

Physical Characteristics	Unit	Typical Value
Particle Size Distribution (Malvern)		
D50	µm	50
< 125 µm	%	98
<15 µm	%	10
> 200 µm	%	0.01
BET Surface Area	m ² /g	12
Bulk Density	g/cm ³	0.9
Chemical Characteristics	Unit	Typical Value
Al ₂ O ₃ (by difference)	%	99.4
Na ₂ O total	ppm	3900
CaO	ppm	150
SiO ₂	ppm	150
Fe ₂ O ₃	ppm	150
Polishing Characteristics	Unit	Typical Value
Oleic Acid absorption	ml/100g	50
Cut		2
Polish		7

Valid after : 2005/08/01

C.A.S. : 1344-28-1



For Information Only