

## Polishing Alumina

### AR12TA

*Low Calcined Alumina*

#### PRODUCT INFORMATION

Low calcined aluminium oxide  $Al_2O_3$ , 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	$\mu m$	50
< 125 $\mu m$	%	98
<15 $\mu m$	%	10
> 200 $\mu m$	%	0.01
BET Surface Area	$m^2/g$	12
Bulk Density	$g/cm^3$	0.9
Chemical Characteristics	Unit	Typical Value
$Al_2O_3$ (by difference)	%	99.4
$Na_2O$ total	ppm	3900
CaO	ppm	150
$SiO_2$	ppm	150
$Fe_2O_3$	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*