

## Calcined Alumina

**AT120**
**PRODUCT INFORMATION**

Calcined aluminum oxide  $Al_2O_3$ , mainly alpha phase, with a Medium soda content.

This grade is used for the production of technical parts, standard bricks, fibers, frits, glaze, and welding fluxes.

**CHARACTERISTICS**

Physical Characteristics	Unit	Typical Value
Particle Size Distribution		
D50	$\mu m$	75
< 30 $\mu m$	%	15
< 120 $\mu m$	%	99
Specific Surface Area	$m^2/g$	1.5
Loss On Ignition 20°C / 1000°C	%	0.5
Chemical Characteristics	Unit	Typical Value
$Al_2O_3$	%	99.6
Alpha Alumina Content	%	90~95
$Na_2O$ total	ppm	1800
CaO	ppm	150
$SiO_2$	ppm	140
$Fe_2O_3$	ppm	150

**Valid After: 2017/10**