

Standard Calcined Alumina

# AC44

**PRODUCT INFORMATION**

Hard calcined aluminium oxide  $\text{Al}_2\text{O}_3$ , mainly alpha phase, with a standard soda content.

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

**CHARACTERISTICS**

Physical Characteristics	Unit	Typical Value
Particle Size Distribution (Malvern)		
D50	$\mu\text{m}$	55
< 15 $\mu\text{m}$	%	15
< 125 $\mu\text{m}$	%	93
Specific Surface Area Blaine	$\text{cm}^2/\text{g}$	5000
Loss On Ignition 20 °C / 1000 °C	%	0.13
Chemical Characteristics	Unit	Typical Value
$\text{Al}_2\text{O}_3$ (by difference)	%	99.6
$\text{Na}_2\text{O}$ total	ppm	3200
CaO	ppm	130
$\text{SiO}_2$	ppm	130
$\text{Fe}_2\text{O}_3$	ppm	130

Valid after : 2013/01

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