

High Purity  
Super Ground Reactive Alumina**P172HPB****PRODUCT INFORMATION**

This grade is a reactive aluminium oxide ( $\text{Al}_2\text{O}_3$ ) which is mainly alpha phase. It has very low impurity levels, particularly soda and silica.

The product is ball milled to the crystal size.

**CHARACTERISTICS**

<b>Physical Characteristics</b>	<b>Unit</b>	<b>Typical Value</b>
Particle Size Distribution (Sedigraph)		
D50	$\mu\text{m}$	0.4
D90	$\mu\text{m}$	1.1
BET Surface Area	$\text{m}^2/\text{g}$	8
<b>Chemical Characteristics</b>	<b>Unit</b>	<b>Typical Value</b>
$\text{Al}_2\text{O}_3$	%	99.90
$\text{Na}_2\text{O}$ total	ppm	140
CaO	ppm	120
$\text{SiO}_2$	ppm	180
$\text{Fe}_2\text{O}_3$	ppm	160

**Valid after : 01/08/2012****C.A.S. : 1344-28-1**