



**CRYSTALOX** is High Purity Alumina manufactured by Alum process and characterized by homogeneous and highly pure cristal structure.

### TYPICAL PROPERTIES

Purity  $Al_2O_3$  >99,99%



Crystal Structure		<b>Alpha</b>
BET Specific surface area	m <sup>2</sup> /g	<b>6</b>
Particle size distribution (D50)	µm (Sedigraph)	<b>0,48</b>
Bulk Density		<b>0.48</b>
Tapped density		<b>0.71</b>



### Main applications

- Coatings
  - Lithium-ion Batteries
  - Ceramic for sensors
  - UV-Reflective for lamp industry
- Translucent Ceramics
- Coloured Ceramics for watch industry

### CHEMICAL PURITY

	PPM	%
Fe	3.2	0,0003
Na	13	0,0013
K	33	0,0033
Si	8	0,0008
Cr	<1	<0,0001
Mg	<1	<0,0001
Ca	2	0,0002

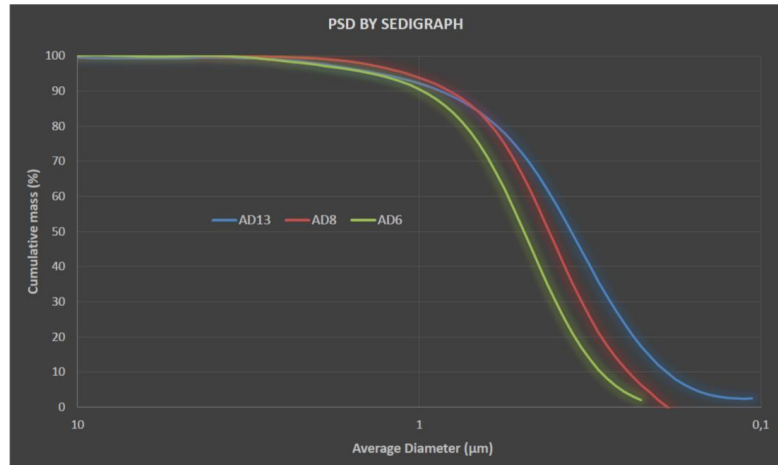


All data are typical values, can't be considered as contractual



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