

## CALCINED ALUMINA PS-6(12)

Calcined Alumina PS-6(12) is a fine-grained, very soft aluminium oxide for the production of high-brilliance polishing agents for mainly stainless steel, as well as for polishing agents for nonferrous metals and for the fine grinding of plastics and lacquers.

### TYPICAL ANALYSIS

(Al <sub>2</sub> O <sub>3</sub> )	≈ 99.8%
(Na <sub>2</sub> O) Total	≤ 0.12%
(CaO)	≈ 0.05%
(Fe <sub>2</sub> O <sub>3</sub> )	≈ 0.03%
(SiO <sub>2</sub> )	≈ 0.03%
α Al <sub>2</sub> O <sub>3</sub>	≥ 70%
Loss on Ignition	≤ 0.2%
Specific Surface Area (BET)	8-15 m <sup>2</sup> /g
Primary Crystal	≈ 0.5 μm
Bulk Density	≈ 700 kg/m <sup>3</sup>



### TYPICAL PARTICLE SIZE DISTRIBUTION

> 106 μm	0-1 %
106-63 μm	0-5 %
63-45 μm	5-25 %
< 45 μm	20-95 %