

## CALCINED ALUMINA DN-420

Calcined Alumina DN-420 is a hard calcined, fast-acting aluminium oxide used for fine polishing and repolishing of all kinds of steel and for processing nonferrous metals brilliance; pre-grinding of lacquers and plastics.

### TYPICAL ANALYSIS

(Al <sub>2</sub> O <sub>3</sub> )	≈ 99.3%
(Na <sub>2</sub> O) Total	≤ 0.5%
(CaO)	≈ 0.05%
(Fe <sub>2</sub> O <sub>3</sub> )	≈ 0.02%
(SiO <sub>2</sub> )	≈ 0.01%
α Al <sub>2</sub> O <sub>3</sub>	≥ 95%
Loss on Ignition	≤ 0.2%
Specific Surface Area (BET)	0.3-0.7 m <sup>2</sup> /g
Primary Crystal	≈ 6 μm
Bulk Density	≈ 800 kg/m <sup>3</sup>



### TYPICAL PARTICLE SIZE DISTRIBUTION

> 63 μm	5-10 %
63-45 μm	2-25 %
< 45 μm	70-95 %
Cilas 1064	
d <sub>50</sub> μm	≈6-10

