

# Tool-Co CALCINED ALUMINA

## PG 15 GRADE

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PG15 Grade Alumina is an excellent fine alumina for applications like:

- ☒ Metal polishing

This alumina is with lesser degree of calcinations for giving a higher level of polish.

### Packing

Normally supplied in polylined PP bags, each bag containing approx. 40 kg. Other forms of packing can be considered on request.

Stretch wrapping of pallets is standard for deliveries outside India with standard 1 MT pallets.

### Health & Safety

Tool-Co Calcined Alumina – PG15 Grade when properly used does not constitute a risk to health nor is it flammable or explosive.

### Chemical Analysis (%)

	<u>Typical</u>	<u>Limit</u>
LOI	0.5	1.50
Al <sub>2</sub> O <sub>3</sub> *	99.5	99.2
Na <sub>2</sub> O	0.45	0.50
SiO <sub>2</sub>	0.020	0.040
Fe <sub>2</sub> O <sub>3</sub>	0.016	0.030
TiO <sub>2</sub>	0.007	0.010

\* L.O.I free basis (by difference)

### Physical Properties

		<u>Typical</u>
Degree of Calcination	%	>70
Surface Area (BET)	m <sup>2</sup> /gm	10 – 18

### Particle Size Distribution

	Typical
Median particle size d50 μ	5.0
PCS μ	<1
Retention on 325 mesh Tyler, %	<7

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