

## Nabaltec NABALOX® NO 102 Calcined Aluminum Oxide

Category : Ceramic , Oxide , Aluminum Oxide

**Material Notes:**

NABALOX® aluminum oxide has a number of advantages including low sintering temperaturewide sintering rangeflexible processinghigh sintered densities high wear and impact resistanceelectrical insulationhigh mechanical strengthhigh temperature propertiesdimensional accuracyoptimized chemical resistanceChemical industry, Glass industry, Corundum, Refractory industry, Household ceramics, Electroceramics, Engineering ceramics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nabaltec-NABALOX-NO-102-Calcined-Aluminum-Oxide.php](http://www.lookpolymers.com/polymer_Nabaltec-NABALOX-NO-102-Calcined-Aluminum-Oxide.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.900 - 1.10 g/cc	0.0325 - 0.0397 lb/in <sup>3</sup>	
Density	3.80 g/cc	0.137 lb/in <sup>3</sup>	
Loss On Ignition	<= 1.00 % @Temperature 20.0 - 1100 °C	<= 1.00 % @Temperature 68.0 - 2010 °F	
Particle Size	<= 45 µm	<= 45 µm	10-30%
Specific Surface Area	8.0 - 15 m <sup>2</sup> /g	8.0 - 15 m <sup>2</sup> /g	BET

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	>= 99.5 %	>= 99.5 %	
Fe <sub>2</sub> O <sub>3</sub>	0.030 %	0.030 %	
Na <sub>2</sub> O	0.30 %	0.30 %	
SiO <sub>2</sub>	0.020 %	0.020 %	

Descriptive Properties	Value	Comments
alpha-Al <sub>2</sub> O <sub>3</sub> -Content %	90	
Angle of Response °	40	

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