

## Nabaltec NABALOX® NO 105-71 RA Calcined Aluminum Oxide

Category : Ceramic , Oxide , Aluminum Oxide , Other Engineering Material , Additive/Filler for Polymer

**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 ceramicsInformation provided by Nabaltec.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nabaltec-NABALOX-NO-105-71-RA-Calcined-Aluminum-Oxide.php](http://www.lookpolymers.com/polymer_Nabaltec-NABALOX-NO-105-71-RA-Calcined-Aluminum-Oxide.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	
Density	3.90 g/cc	0.141 lb/in <sup>3</sup>	
Grain Size	80 µm	80 µm	Median
Particle Size	<= 45 µm	<= 45 µm	0.2
Specific Surface Area	0.50 m <sup>2</sup> /g	0.50 m <sup>2</sup> /g	BET

Component Elements Properties	Metric	English	Comments
Al2O3	99.8 %	99.8 %	
Fe2O3	0.030 %	0.030 %	
Na2O	0.10 %	0.10 %	
SiO2	0.020 %	0.020 %	

Descriptive Properties	Value	Comments
a-Al2O3 Content %	98	
Angle of Response °	40	

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