

## Nabaltec NABALOX® NO 115-71 Ground Alumina

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 resistanceRefractory Industry, Wear-resistant ceramics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nabaltec-NABALOX-NO-115-71-Ground-Alumina.php](http://www.lookpolymers.com/polymer_Nabaltec-NABALOX-NO-115-71-Ground-Alumina.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.700 - 0.900 g/cc	0.0253 - 0.0325 lb/in <sup>3</sup>	
Density	2.25 g/cc	0.0813 lb/in <sup>3</sup>	Green Density
	3.60 g/cc	0.130 lb/in <sup>3</sup>	Sintered Density
	3.90 g/cc	0.141 lb/in <sup>3</sup>	
Loss On Ignition	<= 0.300 % @Temperature 20.0 - 1100 °C	<= 0.300 % @Temperature 68.0 - 2010 °F	
Particle Size	>= 3.0 µm	>= 3.0 µm	Primary Crystal Size
	6.0 µm	6.0 µm	Median Grain Diameter
Specific Surface Area	1.0 - 2.0 m <sup>2</sup> /g	1.0 - 2.0 m <sup>2</sup> /g	BET

Thermal Properties	Metric	English	Comments
Shrinkage	15 %	15 %	Sintering Shrinkage

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	>= 99.6 %	>= 99.6 %	
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>	0.030 %	0.030 %	

Processing Properties	Metric	English	Comments
Sintering Temperature	1750 °C	3180 °F	

Descriptive Properties	Value	Comments
alpha-Al2O3-Content %	98	

## Contact Songhan Plastic Technology Co.,Ltd.

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