

Nabaltec NABALOX® NO 713-10 MF Reactive Alumina

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 resistanceRefractory Industry, Engineering CeramicsInformation provided by Nabaltec.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nabaltec-NABALOX-NO-713-10-MF-Reactive-Alumina.php

Physical Properties	Metric	English	Comments
Bulk Density	0.950 g/cc	0.0343 lb/in ³	
Density	2.30 g/cc	0.0831 lb/in ³	Green
	3.90 g/cc	0.141 lb/in ³	Sintered
Grain Size	0.80 µm	0.80 µm	Median
Specific Surface Area	7.0 m ² /g	7.0 m ² /g	BET

Thermal Properties	Metric	English	Comments
Shrinkage	17 %	17 %	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	99.7 %	99.7 %	
Fe ₂ O ₃	0.030 %	0.030 %	
Na ₂ O	0.10 %	0.10 %	
SiO ₂	0.050 %	0.050 %	

Processing Properties	Metric	English	Comments
Sintering Temperature	1600 °C	2910 °F	

Descriptive Properties	Value	Comments
a-Al ₂ O ₃ Content %	95	

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