

Nabaltec GRANALOX® NM 9212 B Ceramic Body, Binder Free

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Nabaltec offers ceramic bodies with different alumina content as free-of-binder grades. With the addition of necessary amount of water (approx. 20 %) these grades can be directly used for slip casting. After the application of appropriate plasticizers they are also suitable for other molding technologies (e.g. extrusion, injection molding, tape casting). Information provided by Nabaltec.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nabaltec-GRANALOX-NM-9212-B-Ceramic-Body-Binder-Free.php

Physical Properties	Metric	English	Comments
Density	3.68 - 3.72 g/cc	0.133 - 0.134 lb/in ³	Sintered
Moisture Absorption at Equilibrium	<= 0.50 %	<= 0.50 %	
Particle Size	190 - 250 µm	190 - 250 µm	Mean Granulate Size

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	92 %	92 %	
Na ₂ O	0.10 %	0.10 %	

Processing Properties	Metric	English	Comments
Sintering Temperature	1550 - 1700 °C	2820 - 3090 °F	Interval (dense ceramic parts)
	1580 °C	2880 °F	
	@Time 3600 sec	@Time 1.00 hour	

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