

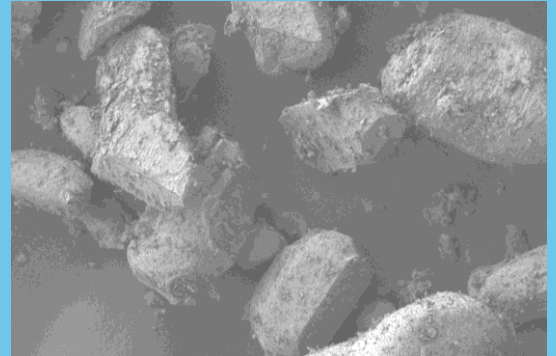
PRODUCT SPECIFICATION SUPALOX NG19

PRODUCT	High Purity Aluminum Oxide, Al ₂ O ₃	PURITY	> 99.99%
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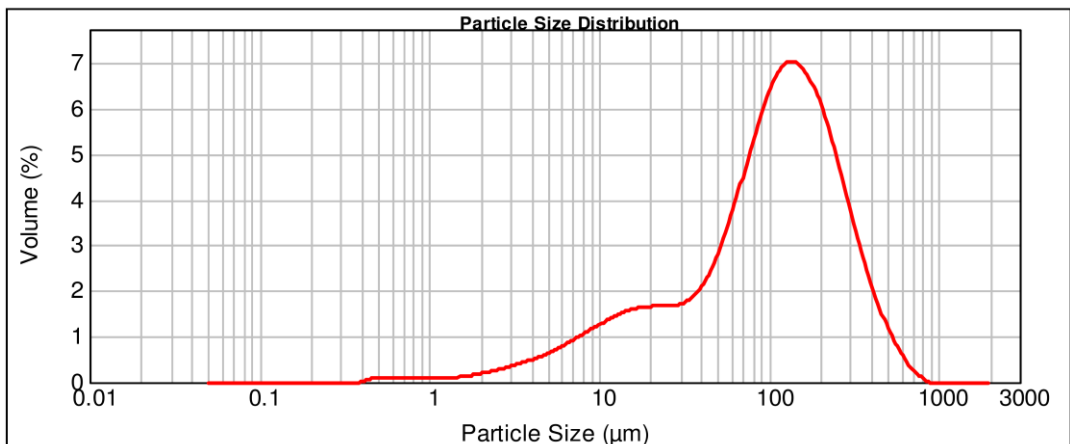
PARAMETERS	METHOD	SPECIFICATIONS
TYPICAL PHYSICAL PROPERTIES		
Appearance	Visual inspection	White Powder
Crystallinity	XRD	Gamma-alumina
D10	Laser Diffraction	50 µm
D50	Laser Diffraction	100 µm
D90	Laser Diffraction	160 µm
Moisture	2 hrs at 120°C	<3.0 %
Surface Area	N ₂ adsorption (BET)	50-70 m ² /g
Tap Density	ASTM B527 – 06	> 0.60 g/cm ³



TYPICAL CHEMICAL COMPOSITION		
Na	ICP-MS	<40 ppm
Mg	ICP-MS	<5 ppm
Si	ICP-MS	<30 ppm
K	ICP-MS	<3 ppm
Ca	ICP-MS	<10 ppm
Fe	ICP-MS	<10 ppm



SUPALOX NG19 is a milled product with a broad particle size distribution. It is designed for single crystal sapphire applications requiring a very flowable milled product.



For technical information, please contact: info@aemcanada.com

Manufactured with virtually zero CO₂ emission in CANADA

The listed properties represent the typical measured values for this product may not represent the final properties of a given batch. Contact AEM for more information.