

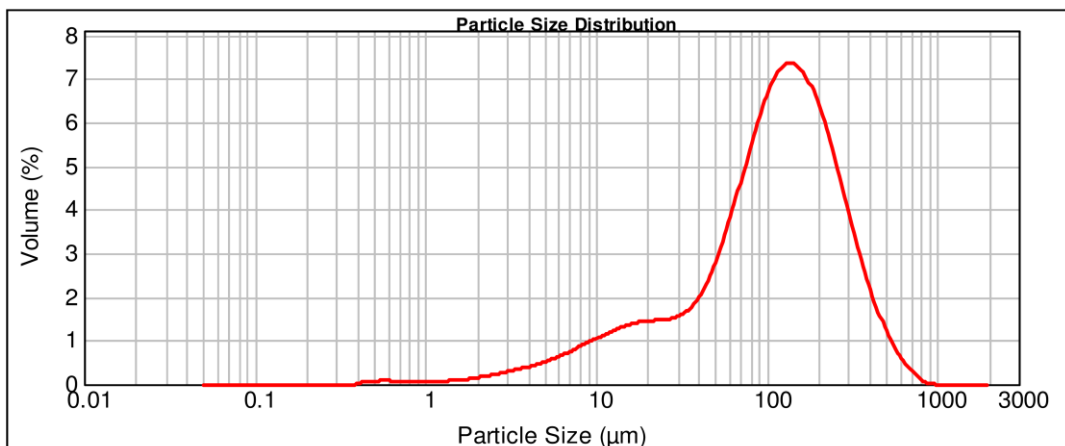
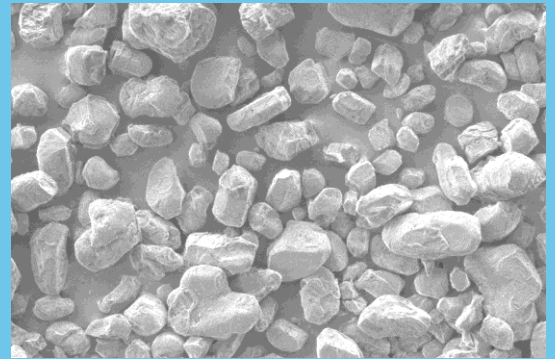
PRODUCT SPECIFICATION SUPALOX H4512G

PRODUCT	Ultra High Purity Aluminum Oxide, Al ₂ O ₃	PURITY	> 99.995%
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PARAMETERS	METHOD	SPECIFICATIONS
PHYSICAL PROPERTIES		
Appearance	Visual inspection	White Powder
Crystallinity	XRD	Gamma-alumina
D10	Laser Diffraction	65 µm
D50	Laser Diffraction	100 µm
D90	Laser Diffraction	180 µm
Moisture / LOI	120°C / 1100°C	<3.0 % / <5.0 %
Surface Area	N ₂ adsorption (BET)	60-70 m ² /g
Particles Density	Geldart technique	1.11 g/cm ³
Loose Bulk Density	ASTM D7481-09	> 0.45 g/cm ³
Tap Density	ASTM B527 - 06	> 0.60 g/cm ³



CHEMICAL COMPOSITION		
Na	ICP-MS	<2 ppm
Mg	ICP-MS	<1 ppm
Si	ICP-MS	<40 ppm
Ca	ICP-MS	<2 ppm
Fe	ICP-MS	<5 ppm
K	ICP-MS	<1 ppm



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

Manufactured with virtually zero CO₂ emission in CANADA