

## PRODUCT SPECIFICATION SUPPUCK B4521

PRODUCT	Ultra High Purity Aluminum Oxide Monolith, Al <sub>2</sub> O <sub>3</sub>	PURITY	> 99.995%
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PARAMETERS	METHOD	SPECIFICATIONS
<b>PHYSICAL PROPERTIES</b>		
Appearance	Visual inspection	White Compact
Crystallinity	XRD	Alpha-alumina
Shape	---	Standard: cylindrical, Others upon request
Dimension	Internal	Standard: 210 mm, Other upon request
Weight	Internal	Upon request
Green Density	Internal	2.6 - 2.8 g/cm <sup>3</sup>
Sintered Density	Internal	3.2 - 3.6 g/cm <sup>3</sup>



<b>CHEMICAL COMPOSITION</b>		
Na	ICP-MS	<5 ppm
Mg	ICP-MS	<3 ppm
Si	ICP-MS	<30 ppm
K	ICP-MS	<2 ppm
Ca	ICP-MS	<3 ppm
Fe	ICP-MS	<8 ppm



- Application: single crystal growth for synthetic sapphire and LEDs
- Monoliths can be supplied green or sintered upon request.
- Patent pending

For technical information, please contact: [info@aemcanada.com](mailto:info@aemcanada.com)

Manufactured with virtually zero CO<sub>2</sub> emission in CANADA 