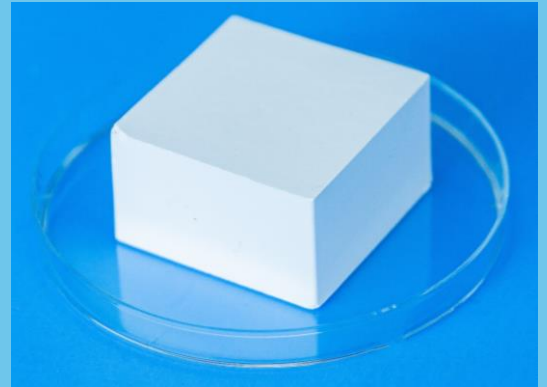


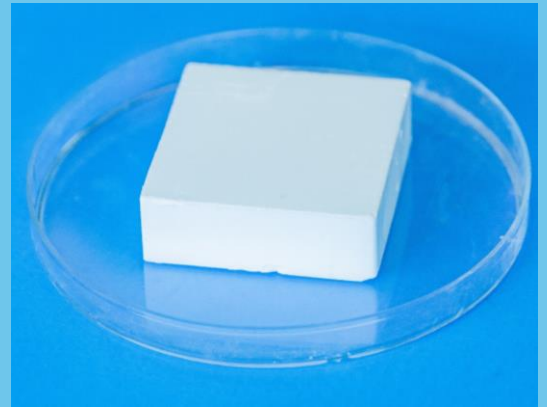
## PRODUCT SPECIFICATION SUPPUCK B4520

PRODUCT	Ultra High Purity Aluminum Oxide Pucks, 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
Dimension	Internal	50 mm x 50 mm 75 mm x 75 mm
Weight	Internal	100 - 500 g
Bulk Density	Internal	3.2 - 3.7 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
Ti	ICP-MS	<1 ppm



Application: single crystal growth for sapphire and LEDs