

MATERIAL SPECIFICATIONS

Specifications for **99.6% Aluminum Oxide (Al₂O₃) Micro-Fine® Substrates:**

Material:	99.6% Aluminum Oxide (Al ₂ O ₃) [Alumina], Coors Superstrate®, Coors ADS®, Kyocera A494® to A493®
Color:	White
Surface Finish:	a) 1μ-in. CLA (surface profilometer) on both or one side. Back side to have a 10μ-inch nominal "lapped" finish. or b) Reading of >140 on Chemie™ glossmeter.
Defects:	No more than (10) > .001" dia. Microvoids per field of view at 50x magnification (.310" x .310" Field of View).
Chips:	0.025" long max. On edge of substrate. 0.010" max. into the face of the substrate.
* Call Accumet Sales Dept. (978) 568-8311 for available Thickness and Sizes.	

Specifications for **Beryllium Oxide (BeO) Micro-Fine® Substrates:**

Material:	99.5% BeO
Color:	White
Surface Finish:	<2μ-in. CLA (surface profilometer)
Defects:	No more than (6) > .0025" dia. per field of view at 50x magnification (.310" x .310" Field of View). Average microvoid size <.001".
Chips:	.025" long max. .010" max into the face of the substrate.