

## CoorsTek StatSafe™ ADC Static Dissipative Alumina

Category : Ceramic , Oxide , Aluminum Oxide

**Material Notes:**

Specialized StatSafe™ ESD-safe alumina combines static-dissipation characteristics with the mechanical properties of advanced ceramics: tailorable volume resistivity, surface finish, high stiffness, wear and corrosion resistance, low thermal expansion, and dimensional stability. Typical applications include: end effectors, ESD sensitive component handling, data storage drive components, and data storage drive manufacturing tools.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CoorsTek-StatSafe-ADC-Static-Dissipative-Alumina.php](http://www.lookpolymers.com/polymer_CoorsTek-StatSafe-ADC-Static-Dissipative-Alumina.php)

Physical Properties	Metric	English	Comments
Density	3.85 g/cc	0.139 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	370 GPa	53700 ksi	
Flexural Strength	300 MPa	43500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.00 µm/m-°C	4.44 µin/in-°F	
Thermal Conductivity	25.0 W/m-K	174 BTU-in/hr-ft <sup>2</sup> -°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+6 - 1.00e+7 ohm-cm	1.00e+6 - 1.00e+7 ohm-cm	

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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