

## Ceradyne Ceralloy® BeO

Category : Ceramic , Oxide

**Material Notes:**

Applications: collector rod helix support windows  
 Features: higher thermal conductivity at room temperature.  
 Information provided by Ceradyne Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ceradyne-Ceralloy-BeO.php](http://www.lookpolymers.com/polymer_Ceradyne-Ceralloy-BeO.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	175 MPa	25400 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.30 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	4.61 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
	@Temperature 20.0 - 1000 $^{\circ}\text{C}$	@Temperature 68.0 - 1830 $^{\circ}\text{F}$	
Thermal Conductivity	250 W/m-K	1740 BTU-in/hr-ft <sup>2</sup> - $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Dielectric Constant	7.0	7.0	
	@Frequency 1e+9 Hz	@Frequency 1e+9 Hz	

Descriptive Properties	Value	Comments
Composition	BeO-99.5%SiC	

## Contact Songhan Plastic Technology Co.,Ltd.

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