

Ceradyne Ceralloy® 2710 BeO-SiC

Category : Ceramic , Carbide , Oxide

Material Notes:

Applications: terminations, sever wedges, load pellets, absorbers. Features: former industry standard for terminations etc. Information provided by Ceradyne Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ceradyne-Ceralloy-2710-BeO-SiC.php

Physical Properties	Metric	English	Comments
Density	3.02 g/cc	0.109 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	7.00 µm/m-°C	3.89 µin/in-°F	
	@Temperature 20.0 - 1000 °C	@Temperature 68.0 - 1830 °F	
Thermal Conductivity	130 W/m-K	902 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	23	23	
	@Frequency 1e+10 Hz	@Frequency 1e+10 Hz	
	24	24	
	@Frequency 8.00e+9 Hz	@Frequency 8.00e+9 Hz	
Dissipation Factor	33	33	
	@Frequency 1e+9 Hz	@Frequency 1e+9 Hz	
	0.050	0.050	
	@Frequency 1e+9 Hz	@Frequency 1e+9 Hz	
	0.25	0.25	
	@Frequency 8.00e+9 Hz	@Frequency 8.00e+9 Hz	
	0.25	0.25	
	@Frequency 1e+10 Hz	@Frequency 1e+10 Hz	

Descriptive Properties	Value	Comments
Composition	BeO+40%SiC	

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