

Mateck YSZ

Category : Ceramic

Material Notes:

Substrate bicrystals for superconductivity

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mateck-YSZ.php

Physical Properties	Metric	English	Comments
a Lattice Constant	5.139 Å	5.139 Å	

Thermal Properties	Metric	English	Comments
CTE, linear	10.3 µm/m-°C	5.72 µin/in-°F	
Melting Point	2500 °C	4530 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	27	27	

Descriptive Properties	Value	Comments
Dimensions (mm)	10x10x0.5	
Junction Angle °	24±1	
	36.8±1	
Structure	cubic	
Surface Orientation °	100±1	
Surface Roughness (angstroms)	10	
	max 30	

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