



GCS - TCI-600 THERMALLY CONDUCTIVE INSULATOR

GCS-TCI-600 is a ceramic filled thermally conductive insulator

Features

- Dielectric performance in insulator pad
- Low thermal resistance
- Resistant to tears and punctures
- Good electrical insulation
- Ceramic filled elastomer with fibreglass carrier



Configurations

PART NUMBER	TOTAL THICKNESS (MM)
GCS-TCI-600-300x300-0.20	0.20
GCS-TCI-600-300x300-0.30	0.30
GCS-TCI-600-300x300-0.45	0.45

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thickness mm	ASTM D374	0.2 to 0.45
Thermal conductivity W/m*K	ASTM D5470	1.0
Density g/cm ³	ASTM D374	2.1
Dielectric strength, kV/mm	ASTM D792	>3.5
Dielectric constant (@1kHz)	ASTM D150	5.5
Operation temperature (°C)	-	-45 to +180
Hardness (Shore A)	ASTM D2240	80
Volume resistivity	ASTM D257	4x10 ³



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