



GCSP-040-G(-xx) SYNTHETIC GRAPHITE INTERFACE MATERIAL

GCSP-040-G(-xx) is a highly orientated synthetic graphite

Features

- High thermal conductivity
- Low contact resistance
- Highly adaptable to surface
- Can be used in multi-layer



Configurations

PART NUMBER	TOTAL THICKNESS (mm)	CONFIGURATION DETAILS	HEAT RESISTANCE (degC)	VOLTAGE RESISTANCE
GCSP-040-G	0.04	No adhesive	400	0
GCSP-040-G-A10	0.05	10 micron adhesive ,one side	100	2 kV
GCSP-040-G-P10-A10	0.06	10 micron adhesive, 10 micron PET tape	100	6 kV

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Sheet size, mm		150x300
Thickness, mm		As table
Thermal conductivity W/m*K	ASTMD5470	15
In-plane, thermal conductivity W/m*K		1300
Specific gravity. g/cm ³	ASTMD792	2.1
Dielectric strength, kV/mm	ASTMD149	NA, conductive
Operation temperature (°C)	EN344	-40 to +400



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