

DTIM Thermal Interface Material Specifications and Ordering Options

G0, G1, & G2

Characteristic	DTIM G0 Type	DTIM G1 Type	DTIM G2 Type
Type	Sheet	Gel	
Thickness (mm)	0.1 ~ 0.35	0.5 ~ 10.0	0.2 ~ 10.0
Durometer	60 (Shore A)	< 40 (Shore OO)	60 (Shore OO)
Color	White	Gray	
Volume Resistivity (Ω -cm)	1.0 x 10 ¹¹		
Voltage Breakdown (kV)	5.1	> 6	5.1
Thermal Conductivity (W/mk)	Min. 4.0	Min. 2.0	Min. 1.5
Temperature Range	-30°C ~ 200°C (-22°F ~ 392°F)		
Flammability Rating	UL94 V-0		

G3

Characteristic	DTIM G3 Type
Type	In-Plane Sheet
Standard Sizes	Roll (500mm x 25mm)
	Sheet (210mm x 300mm)
Thickness (mm)	0.13 ± 0.02
	0.16 ± 0.02
	0.18 ± 0.03
Color	Black
Vertical Thermal Conductivity (W/mk)	Max 0.5
Horizontal Thermal Conductivity (W/mk)	Max 8.0
Resistivity (Ω -cm)	Non-Conductive
Service Temperature	-10°C ~ 120°C (14°F ~ 248°F)
Flammability Rating	UL94 V-0

G3 Layers

