Thermal Interface Material

GFL 3030

KERAFOL® Keramische Folien GmbH

- Two component silicone
- Room temperature curing
- Suitable for wet in wet production

Properties	Unit	GFL 3030
Color		Green
Mixing Ratio		1 : 1
Curing Time	h	1 (at RT)
Thermal Properties		
Thermal Conductivity	W/mK	3.0
Thermal Resistance	K/W	0.41
Electrical Properties		
Breakdown Voltage $U_{d;\,ac}$	kV	6
Dielectric Breakdown $E_{d;\,ac}$	kV/mm	12
Mechanical Properties		
Hardness	Shore 00	65-86
Physical Properties		
Application Temperature	°C (°F)	-40 to +200 (-40 to +392)
Density	g/cm^3	2.94
Viscosity	Pas	50-80
Total Mass Loss	Ma. %	<0.06
Flame Rating	UL-94	V-0
Possible Thickness	mm (inch)	0.2 to 5.0 (0.008 to 0.2)

Applications

- Applications with high tolerances
- Encapsulation
- Electrical vehicles
- High energy rechargeable batteries

Options

- Available in syringes for small applications and cans for dispending solutions

The data provide engineering guidance, performance in actual applications should be established through testing.

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