

GFL 3030 & GFL 3040

Gap Filler Liquid

Benefits

- Room temperature curing
- Very high thermal performance
- Highly thixotropic
- High material utilization



Properties	Unit	GFL 3030	GFL 3040
Colour		green	lilac
Basic material		silicone	silicone
Mixing ratio		1:1	1:1
Curing		1h; RT	1h; RT
Thermal Properties*			
Thermal resistance R_{th}	K/W	0.82	0.58
Thermal conductivity λ	W/mK	3.0	4.3
Electrical Properties**			
Dielectric breakdown voltage $U_{d,AC}$	kV	6.0	5.0
Mechanical Properties			
Hardness	Shore 00	65-85	65-85
Physical Properties			
Application temperature	°C	-40 to +200	-40 to +200
Density	g/cm ³	2.94	3.05
Viscosity***	Pas	50-80	75-110
Total mass loss (TML)	Ma. -%	<0.06	<0.09
Flame rating	UL-94	V-0	V-0
Possible thickness	mm	0.2-5.0	0.2-5.0



* Measured @ thickness 1 mm ** Measured @ thickness 0.5 mm *** Shear rate 4.6s⁻¹/25°C