

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	90-140	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



Note

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The specifications provided in this data sheet do not constitute a guarantee or warranty of specific product properties („quality guarantee“). These specifications are derived from our standardized testing procedures conducted under controlled laboratory conditions and are intended to describe the typical properties of the products as expected under standard applications. Variations may occur depending on the specific application. Accordingly, it is the responsibility of the customer to test and evaluate the products for their intended use, and adjustments to the application may be required.

The customer assumes full responsibility for the safety and functionality of their applications in which these products are integrated. Appropriate safety measures must be implemented to prevent bodily injury, fire, or other damages resulting from product defects. The customer is also responsible for ensuring that the design of their application complies with all applicable laws, regulations, codes, and standards.

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