

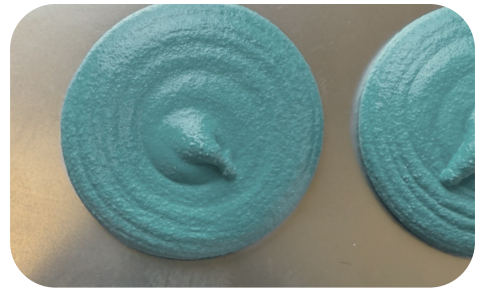
GFL 3035 ULTRACOLD

Gap Filler Liquid

PRELIMINARY DATA SHEET

Benefits

- Good thermal conductivity
- Good electrical insulation
- Room temperature curing
- Operating range starting from -90°C
- Highly thixotropic



Properties	Unit	GFL 3035 Ultracold
Colour		olive
Basic material		silicone
Mixing ratio		1:1
Curing	°C	1h; RT
Thermal Properties*		
Thermal resistance R_{th}	K/W	0,71
Thermal conductivity λ	W/mK	3,5
Electrical Properties**		
Dielectric breakdown voltage $U_{d,ac}$	kV/mm	14
Mechanical Properties		
Hardness	Shore 00	75 - 90
Physical Properties		
Application temperature	°C	-90 to +200
Density	g/cm ³	2,95
Viscosity	Pas	70 - 90
Total mass loss (tbd)	Ma. -%	tbd
Flame rating	UL-94	V-0 (self-test)
Possible thickness	mm	0.2-5.0

* Measured @ thickness 1mm ** 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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