

GapFiller

Resin 8792 (ex GF92) + Hardener 8992 (ex G4092)

- **2-components polyurethane GapFiller**
 - **solvent-free system**
 - **high thermal conductivity and electrically insulating**
 - **no metallic fillers**
 - **no halogenated flame-retardants**
 - **ideal for heat-reduction of battery systems, power electronics and high performance components**
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Product specification:

Mixing ratio:	Resin 8792	100 volume parts
	Hardener 8992	100 volume parts
Viscosity (22°C):	Resin 8792	70'000 – 90'000 mPa·s
	Hardener 8992	80'000 – 100'000 mPa·s
	Mixing viscosity	75'000 – 95'000 mPa·s
Density (22°C):	Resin 8792	2.40 – 2.50 g/cm ³
	Hardener 8992	2.40 – 2.50 g/cm ³
Colour:	Nature (beige)	
Pot life:	20 – 30 minutes	
Curing time (22°C):	24 – 48 hours	
Final hardness	10 – 14 days	

Physical properties:

Shore-Hardness:	A 40 – 50	ISO 868, DIN 53505
Thermal conductivity:	2.0 W/(m·K)	DIN EN ISO 22007
Glass transition temperature:	-62.3°C	TMA
Coefficient of expansion:	29.6 ppm/K 183.4 ppm/K	< Tg, TMA > Tg, TMA
Shrinkage after curing:	<1 %	
Water absorption:	0.4 % (30 days at 23°C)	
Insulation class:	B	IEC 60085
Operating temperature:	-55°C up to +130°C	
Flammability classification:	V-0 in 4.0 mm	

Shelf life:	6 months in sealed original containers when stored in dry conditions (15°C to 25°C).
Packaging:	Resin and hardener are offered in separate packaging units.
RoHS:	We hereby certify that all our products are unexceptional RoHS conform, according to the EU directive 2011/65/EG (RoHS2) and the amendment of Directive 2015/863.

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