Transparency

Resin 8807/30T + Hardener 8930

- **2-components polyurethane casting resin**
- **solvent-free system**
- **opaque, translucent and UV-resistant**
- **semi-hard curing degree**
- **excellent adhesive properties**
- **ideal for LED applications**
- **TIP: good combination possibilities with Kisling's crystal clear and thermal conductive casting resins**

Product specification:

Mixing ratio (weight):	Resin 8807/30T	100 parts
	Hardener 8930	100 parts
Viscosity (22°C):	Resin 8807/30T	800 – 1'200 mPa·s
	Hardener 8930	450 – 750 mPa·s
	Mixing viscosity	650 – 1'000 mPa·s
Density (22°C):	Resin 8807/30T	1.05 – 1.10 g/cm³
	Hardener 8930	1.10 – 1.15 g/cm³
Colour:	White translucent / opaque (depends on the thickness)	
Turbidity level:	10 %	
Pot life:	25 – 45 minutes The curing time depends on the thickness of the layer, the casting volume and the temperature.	
Curing time (22°C):	16 – 30 hours	
Final hardness	10 – 14 days	

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Physical properties:

Shore-Hardness:	A 60 – 70	ISO 868, DIN 53505
Thermal conductivity:	0.2 W/(m·K)	DIN EN ISO 22007
Glass transition temperature:	3.0 °C	TMA
Shrinkage after curing:	<1 %	
Water absorption:	0.2 % (30 days at 23°C)	
Operating temperature:	-40°C up to +130°C no affect of the physical properties -40°C up to + 90°C no affect of the optical properties	

Shelf life:	12 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 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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