

Transparency

Resin 8808/30T (ex ST 48) + 8930 (ex 3000)

- **2-components polyurethane casting resin**
- **Solvent-free system**
- **Crystal clear and UV-resistant**
- **Flammability classification V-0 at 4.0 mm**
- **Medium hardness**
- **Excellent adhesive properties**
- **Ideal for LED applications**
- **TIP: good combination possibilities with Kisling's opaque and thermal conductive casting resins**

Product specification:

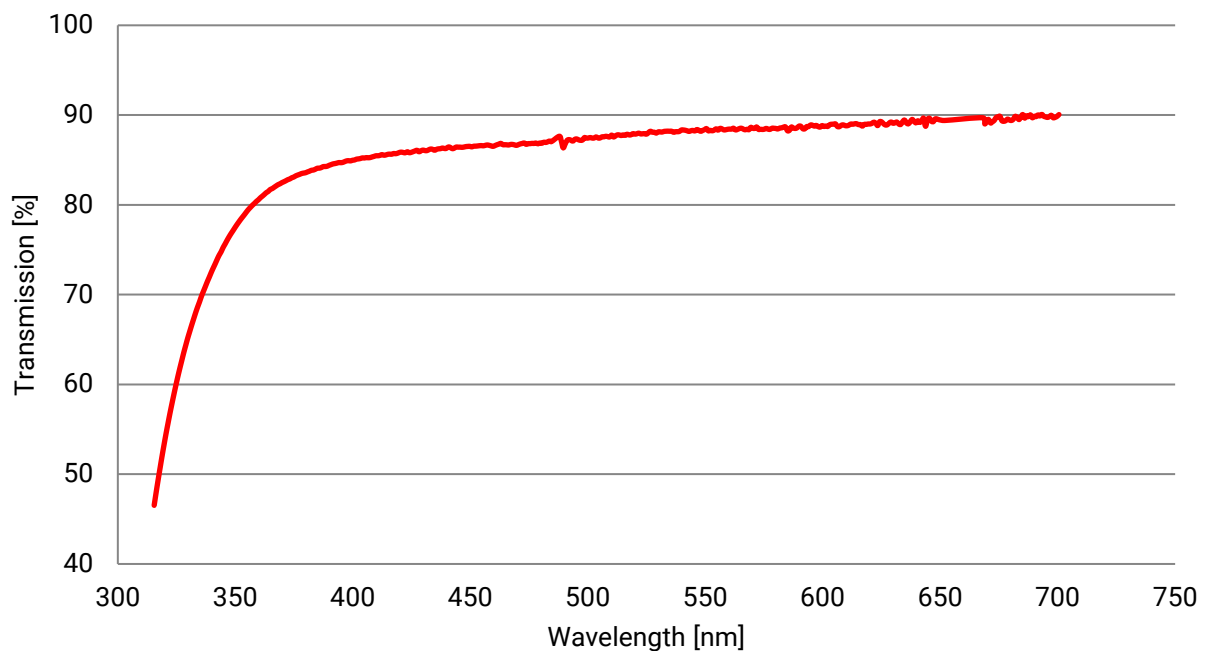
Mixing ratio (weight):	Resin 8808/30T	100 parts
	Hardener 8930	140 parts
Viscosity (22°C):	Resin 8808/30T	100 – 200 mPa·s
	Hardener 8930	450 – 750 mPa·s
	Mixing viscosity	200 – 400 mPa·s
Density (22°C):	Resin 8808/30T	1.03 – 1.08 g/cm ³
	Hardener 8930	1.10 – 1.15 g/cm ³
Colour:	Crystal clear	
Pot life:	30 – 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	

Physical properties:

Shore-Hardness:	A 75 – 85	ISO 868, DIN 53505
Thermal conductivity:	0.2 W/(m·K)	DIN EN ISO 22007
Glass transition temperature:	8.0 °C	TMA
Coefficient of expansion:	124.1 ppm/K 197.5 ppm/K	< Tg, TMA > Tg, TMA
Shrinkage after curing:	<1 %	
Water absorption:	0.2 % (30 days at 23°C)	
Operating temperature:	-40°C up to +130°C (no effect on the physical properties) -40°C up to + 90°C (no effect on the optical properties)	
Flammability classification:	V-0 4.0 mm	UL94

Transmission values:

Transmission measured against air, layer thickness approx. 8 mm, Analytik Jena Specord S 100



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.

Our technical advice, whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and therefore, entirely your own responsibility. Should in spite of this, liability be established by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

TDS_8808_30T+8930_e/OT/18.08.2025