

Technology

- + Transparent polyurethanes

Specifications

- + Shore hardness: A25 - D72
- + Pot life: customer-specific adjustable
- + UV-resistant
- + UL 94 HB and V0
- + REACH und RoHS compliant
- + Machine processable

Application Examples

- + 3D Doming Stickers

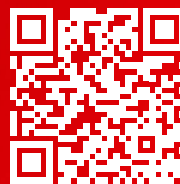


Kisling's transparent encapsulants for rock solid 3D doming stickers

In agreement with the high quality requirements in the field of 3D doming stickers, we have tested our encapsulants by using the UV/weathering test according to DIN EN ISO 4892-2.

Our transparent encapsulants ensure that 3D Doming Stickers are insensitive to external influences and are ideally suited for outdoor use.

Learn more about our encapsulants here:



8800 + 8930

Chemical base	Polyurethane
Mixing ratio	100 : 60 (W:W)
Pot life [min]	30 – 45
Viscosity [mPas]	700 – 900
Temperature range [°C]	-40 – +90
Shore hardness (DIN EN ISO 868)	A25 – 40

- + Crystal clear und UV-resistant
- + Transmission values over 90 %
- + Low hardness
- + Excellent adhesion properties
- + CMR-free *

8804 + 8930

Chemical base	Polyurethane
Mixing ratio	100 : 100 (W:W)
Pot life [min]	30 – 45
Viscosity [mPas]	650 – 850
Temperature range [°C]	-40 – +90
Shore hardness (DIN EN ISO 868)	A58 – 68

- + Crystal clear und UV-resistant
- + Transmission values over 90 %
- + Medium hardness
- + Excellent adhesion properties
- + CMR-free *

8808 + 8930

Chemical base	Polyurethane
Mixing ratio	100 : 140 (W:W)
Pot life [min]	30 – 45
Viscosity [mPas]	200 – 400
Temperature range [°C]	-40 – +90
Shore hardness (DIN EN ISO 868)	A75 – 85

- + Crystal clear und UV-resistant
- + Fire protection classification
UL94 V-0 in 4,0 mm
- + High hardness
- + Very low viscosity

8812 + 8930

Chemical base	Polyurethane
Mixing ratio	100 : 166 (W:W)
Pot life [min]	30 – 45
Viscosity [mPas]	850 – 1 250
Temperature range [°C]	-40 – +90
Shore hardness (DIN EN ISO 868)	D68 – 72

- + Crystal clear und UV-resistant
- + Transmission values over 90 %
- + High hardness
- + Excellent adhesion properties

* Not required to be labelled CMR according to section 2 of the MSDS