



MD UV Adhesive 23

September 16

low viscous

Physical properties of liquid adhesive

Base	methacrylate ester
Colour	transparent
Viscosity 20°C	50 - 100 mPa.s
UV curing time	8 - 15 seconds
Specific gravity (25°C)	1,1 g/ml
Gap filling	0,03 mm to 0,1 mm
Flash point	> 100°
Shelf life 25°C	1 Year

Physical properties of cured adhesive

Tensile Strength (ASTM D-2095-69)	10 - 14 N/mm ²
Temperature resistance	-55°C + 120°C
Refractive Index	1,49
Light transmittance	>90%
Coefficient of thermal expansion	85 x 10mm/°C
Dielectric constant (25°C 1000 Hz)	4
Dielectric strength	10 - 12 KV/mm

Applications	<ul style="list-style-type: none">○ Communications electronics○ Consumer electronics○ Automotive electronics○ Plastic and glass processing

The values are average values. They serve merely for your information, but assume no warranty.

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Description

MD UV adhesives react via radiation from UV light. It then hardens within seconds. We achieve clear, high-strength bonding of materials such as glass with metal. The technique of UV hardening offers the benefit of being able to freely choose the time of hardening and short hardening times permit a higher production speed. Specific viscosities are available for every type of application.

Packaging

Item number

10 bottles á 50 g

MUV.23.F50

12 bottles á 250 g

MUV.23.F250

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