

*Revised
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TECHNICAL DATA SHEETS
MP 53037

Description:

MP 53037 is a fast curing Ultra Violet adhesive, medium viscosity, excellent penetrating properties. Ideal for bonding tight fitting parts, shallow potting applications, and coating applications. Resistant to vibration and shock, excellent for plastic, metal, and glass applications.

Physical Properties of uncured adhesive:

Composition	methacrylate ester
Color	Clear
Viscosity(25°C mPa.s)	2500 cps
UV curing time	8-15 seconds
Specific Gravity(25°C gr/ml)	1.1
Joint thickness	0.10mm to 3mm
Flash point	>100°C
Shelf Life 25°C	1 year

Physical Properties of cured adhesive:

Appearance	Clear, opaque
Tensile strength(ASTM D-2095-69)	10-14N/mn ²
Temperature range	-60°F to 350°F
Refractive index	1.49
Light transmittance	>98%
Coefficient of thermal expansion	85 x 10 ⁻⁶ mm/mm/°C
Dielectric strength	10-12 KV/mm

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