



PRODUCT INFORMATION

HIGH TECHNOLOGY MATERIALS

MEREKO MRC 01-1169

FLEXIBLE, LOW-DUROMETER UV CURABLE RESIN FOR POTTING, SEALING AND ADHESIVE APPLICATIONS

MEREKO MRC 01-1169 is a low durometer, UV curable compound which has the unique property of quickly curing to a tack free surface. The elastomeric properties of **MEREKO MRC 01-1169** make it particularly well suited for applications where thermal cycling, impact or vibrational forces are expected. These properties coupled with low shrinkage make **MEREKO MRC 01-1169** an ideal potting composition.

UNCURED PROPERTIES

Viscosity	7,500 cps @ 25° C. (a range has not been established)
Resin	Modified Urethane
Color	Clear – Amber
Specific Gravity	1.1 – 1.2 at 25° C
Flash Point	200° F

CURED PROPERTIES

Durometer	30 – 40 Shore A
Water Absorption	About 1.5% (24 hour immersion test)

CURING INFORMATION

<u>Cure Mechanism</u>	<u>Substrates</u>	<u>Bond Gap</u>	<u>Time</u>
UV (40 mw/cm ²)	glass-glass	1 – 2 mils	3 – 8 seconds

These are typical properties and are not meant to be product specifications.

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