

Loctite® Nuva-Sil® 5091 High Adhesion Potting

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

Material Notes:

Potters and Silicon Light Cure Adhesives Loctite® Potting materials are used on electronic device housings to enhance mechanical strength, provide electrical insulation and enhance vibration and shock resistance of assemblies. For electronics assembly, Loctite offers deep potting, high adhesion, non-corrosive, and thermally conductive potting products. These can be cured with heat, UV light, or moisture. Loctite® 5091 Nuva-Sil® High Adhesion Potting A UV curing silicon for high speed shallow potting, coating and sealing of electronic connectors. High adhesion for difficult-to-bond substrates. Key Substrates: Glass, Metal, Ceramic Cure Type: Ultraviolet, Moisture, Methoxy Bonding Type: Silicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-Nuva-Sil-5091-High-Adhesion-Potting.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	5500 cP @Temperature 25.0 °C	5500 cP @Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	34	34	
Elongation at Break	100 %	100 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	350 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	1.00 min	0.0167 hour	at 40 mW/cm^2

Descriptive Properties	Value	Comments
Color	Translucent/Colorless	

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