

Loctite® 5072 Silicone Chip Coating

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

Material Notes:

Conformal Coatings Conformal coatings are thin dielectric coatings that extend the longevity of circuit boards by protecting components and traces from corrosion, shorts, and mechanical damage. Loctite offers both acrylic/urethane and silicone conformal coatings which are cured by UV, heat, or a two-part cure mechanism. Loctite® 5072 Silicone Chip Coating This gel, UV curable silicone chip coating, is a soft, low ionic material for coating bare silicon die. Cure Type: UV

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-5072-SiliconeChip-Coating.php

Physical Properties	Metric	English	Comments
Viscosity	2900 cP	2900 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	72	72	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	>= 3.50e+16 ohm	>= 3.50e+16 ohm	ASTM D257
Dielectric Strength	17.7 kV/mm	450 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	1.00 min	0.0167 hour	UV Full Cure in 60 seconds at 75 mW/cm^2

Descriptive Properties	Value	Comments
Color	Clear	

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