

Loctite® 3873 1 component acrylic High Conductivity Flexible Adhesive

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

Material Notes:

Thermally Conductive BondersLoctite® Thermally Conductive Adhesives eliminate the need for mechanical fasteners and clips, while providing the most efficient thermal transfer between transistors or microprocessors and their heat sinks. Loctite offers a wide range of adhesive chemistries including silicones, acrylics and epoxies. Many processing options are available for curing these adhesives such as heat cure, activator cure, and UV light.Loctite® 3873 1 component acrylic High Conductivity Flexible AdhesiveA fast curing self-shimming adhesive for bonding heat generating devices to thermal spreader. Cure Type: Activator 7387

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-3873-1-component-acrylicHigh-Conductivity-Flexible-Adhesive.php

Physical Properties	Metric	English	Comments
Density	2.10 g/cc	0.0759 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.76 GPa	400 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	110 µm/m-°C	61.1 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	1.65 W/m-K	11.5 BTU-in/hr-ft ² -°F	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	Fixture time @ 20°C
	240 - 1440 min	4.00 - 24.0 hour	Full Cure Time @ 20°C
Shelf Life	9.00 Month	9.00 Month	shelf life at 5°C

Descriptive Properties	Value	Comments
Viscosity	Paste	

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