

Loctite® 3273 Acrylic Bonding Adhesive

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

Material Notes:

Acrylic Bonding Adhesives Loctite® Acrylic Adhesives were developed for bonding applications that require tensile, shear and peel strength combined with maximum impact, stress and shock resistance. On contact with an activator, these no-mix materials cure rapidly at room temperature to a weather-resistant bond. Loctite® 3273 Acrylic Bonding Adhesive Cure Type: 3440 Bonding Type: Acrylic Typical Use: 2 part adhesive for bonding rigid assemblies.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-3273-Acrylic-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	Part A
	1.09 g/cc	0.0394 lb/in ³	Part B
Viscosity	22500 cP	22500 cP	Part B at 20 RPM
	30000 cP	30000 cP	Part A at 20 RPM

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	14.0 MPa	2030 psi	Varies with substrates

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	3.00 min	0.0500 hour	
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Color	Part A yellow; Part B green	
Gap Fill	0.04 in.	

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