

Resin Technology Group TIGA 202-EX High Performance, Fast Cure Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Mix ratio 2 to 1 by volume. TIGA 202-EX is a two-part epoxy adhesive offering outstanding shear tensile and peel adhesion. TIGA 202-EX offers a 20 minute pot life and good hardness development within 1 hour of mixing. TIGA 202-EX is a toughened epoxy exhibiting rugged chemical and environmental resistance and durability. TIGA 202-EX is an excellent general purpose adhesive providing exceptional bond strength to a wide variety of substrates, PVC, FRP, Polyacrylic, Steel, and many more. Applications: TIGA 202-EX is excellent for general purpose high speed industrial assembly, electronic applications, component attachment to boards, housing assembly and potting. Information provided by Resin Technology Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resin-Technology-Group-TIGA-202-EX-High-Performance-Fast-Cure-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	Of resin
	1.13 g/cc	1.13 g/cc	Of hardener
Viscosity	60000 cP	60000 cP	Mixed
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45 - 55	45 - 55	Cured 2 hours at 25°C
	75 - 85	75 - 85	Cured 24 hours at 25°C
	75 - 85	75 - 85	
Shear Strength	>= 27.6 MPa	>= 4000 psi	2 hours, 65°C

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	720 - 1200 min	12.0 - 20.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	20 - 30 min	20 - 30 min	Small Mass(15gr.)

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Off-white/Opaque	

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