

Tra-Con Tra-Bond 216D02 Thixotropic No-Sag Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 216D02 is a thixotropic, two part epoxy adhesive formulated specifically for applications where a nonsagging adhesive is required. TRA-BOND 216D02 works in concert with TRA-CAST 3135 to perform `dam` and `fill` functions. This solvent free compound is readily mixed, handled and cured at room temperature to develop strong bonds to substrates including metals, ceramics, glass, wood and many plastics. Fully cured TRA-BOND 216D02 provides electrical insulation and superior resistance to water, petroleum product, gasoline, alcohol, salts, mild acids and alkalis. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-216D02-Thixotropic-No-Sag-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	59600 cP	59600 cP	Mixed (sp #7, 10 rpm)
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	84	84	2 hrs @ 65°C
Adhesive Bond Strength	13.1 MPa	1900 psi	Lap shear, alum to alum, 2 hrs @ 65°C

Thermal Properties	Metric	English	Comments
CTE, linear	64.3 µm/m-°C	35.7 µin/in-°F	Below Tg
	185 µm/m-°C	103 µin/in-°F	Above Tg
Glass Transition Temp, Tg	70.0 °C	158 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min	2.00 - 4.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	80 min	80 min	

Descriptive Properties	Value	Comments
Color	Black	
Thixotropic Index	4.4	1 rpm/10 rpm

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