

Tra-Con Tra-Bond 216E01 Non-Sag Dam Applications Adhesive

Category : Polymer , Adhesive , Thermoset , Filled/Reinforced Thermoset

Material Notes:

TRA-BOND 216E01 is a thixotropic, two-part adhesive formulated specifically for applications where a high-fill, non-sag adhesive is required. TRA-BOND 216E01 works in concert with TRA-BOND 216E02 to perform `dam` and `fill` functions. It bonds exceptionally well to ceramic, metal, glass, plastic and other substrates. Fully cured TRA-BOND 216E01 provides excellent resistance to water, gases and vapors, petroleum products, salt solutions, acids and other organic and inorganic compounds. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-216E01-Non-Sag-Dam-Applications-Adhesive.php

Physical Properties	Metric	English	Comments
Water Absorption	0.080 %	0.080 %	
Viscosity	124000 cP @Temperature 25.0 °C	124000 cP @Temperature 77.0 °F	Mixed (rv #7, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Adhesive Bond Strength	21.4 MPa	3100 psi	Lap shear, alum to alum, 4 hrs @ 65°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	65.0 °C	149 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	240 min @Temperature 65.0 °C	4.00 hour @Temperature 149 °F	
	4320 min @Temperature 25.0 °C	72.0 hour @Temperature 77.0 °F	
Pot Life	180 min	180 min	40 grams

Descriptive Properties	Value	Comments
Color	Black	
Mix Ratio, parts by weight	100/57	Resin/Hardener
Thixotropic Index	5.5	1 rpm/10 rpm
Working Life hours	8	40 grams

Descriptive Properties	Value	Comments
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