

## Tra-Con Tra-Bond FS420 Flexible Plastic Adhesive

Category : Polymer , Adhesive , Thermoset

### Material Notes:

TRA-BOND FS-420 is a flexible thixotropic bonding adhesive designed for bonding all types of plastics including nylon, PVC, polyethylene, acrylic, lexan, polypropylene, kapton or almost any thermoplastic substrate. TRA-BOND FS-420 is medium viscosity and easy to apply. It has an easy 1:1 mix ratio and can be cured at room temperature. This high technology system was formulated for applications in the automotive, medical, aerospace, photonic and assemblies industries and can be used anywhere that requires excellent chemical fastening to plastic parts. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-FS420-Flexible-Plastic-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-FS420-Flexible-Plastic-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	Mixed
Solids Content	97 %	97 %	Reactive Solids Content
Viscosity	22000 cP @Temperature 25.0 °C	22000 cP @Temperature 77.0 °F	After mixing

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
Adhesive Bond Strength	17.2 MPa	2500 psi	Lap shear, pvc to pvc

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	115 °C	239 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min @Temperature 65.0 °C	1.00 hour @Temperature 149 °F	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	
Pot Life	120 min	120 min	

Descriptive Properties	Value	Comments
Color	Amber	

Descriptive Properties	Value	Comments
Thixotropic Index	4.5	5 rpm/50 rpm

## Contact Songhan Plastic Technology Co.,Ltd.

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