

## Tra-Con Tra-Bond F202HV Spectrally Transparent Thixotropic Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

**Material Notes:**

TRA-BOND F202 is a clear, thixotropic epoxy adhesive recommended for photonic applications requiring exposure to high temperatures or chemical and environmental resistance. This 100% solids system exhibits low exotherm during its short cure cycle and for most applications does not require degassing. It is an excellent choice for adhering to metals, glass and ceramics as well as most plastics. The unique chemistry of TRA-BOND F202 has been successfully used in fiber optic connectors as well as small electronic castings and plastic laminates. For casting applications, use a step cure schedule of 2 hours at 65°C plus 3 hours at 125°C, followed by a post-cure of 1 hour at 150°C if high temperature resistance is required. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-F202HV-Spectrally-Transparent-Thixotropic-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-F202HV-Spectrally-Transparent-Thixotropic-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	42000 cP	42000 cP	Mixed (cp #52, 1 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	125 °C	257 °F	Ultimate Tg, 10°C/min; DSC

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	1/2 hr @ 135°C + 1/2 hr @ 175°C
	180 min	3.00 hour	2 hrs @ 125°C + 1 hr @ 140°C
Pot Life	7200 min	7200 min	(5 days)

Descriptive Properties	Value	Comments
Color	White	Mixed
Mix Ratio, parts by weight	100/3	Resin/Hardener
Thixotropic Index	5	cp #52, 1 rpm/10 rpm

**Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**