

## Tra-Con Tra-Bond 546S05 Dual-Cure Acrylate

Category : Polymer , Adhesive , Thermoset

### Material Notes:

TRA-BOND 546S05 is a dual cure (UV/heat) acrylate featuring excellent adhesion to glass. Ultimate Tg attained and shadowed areas cured with 15 minute exposure to 100-120°C. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-546S05-Dual-Cure-Acrylate.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-546S05-Dual-Cure-Acrylate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	Cured
Viscosity	5500 cP	5500 cP	Mixed (cp #40, 2.5 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86	86	
Adhesive Bond Strength	6.89 MPa	1000 psi	Lap shear, adhesion to glass, minimum

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	85.0 °C	185 °F	Ultimate Tg, 10°C/min; TMA

Processing Properties	Metric	English	Comments
Cure Time	0.0833 - 0.167 min	0.00139 - 0.00278 hour	UV exposure

Descriptive Properties	Value	Comments
Color	Light Red	Uncured
	Transparent Yellow	Cured

## Contact Songhan Plastic Technology Co.,Ltd.

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