

Tra-Con Tra-Bond F199 High Temperature Anaerobic Adhesive System

Category : Polymer , Adhesive , Thermoset

Material Notes:

TRA-BOND F199 is a high strength, anaerobic adhesive for fiberoptic terminations. Although specifically designed for bonding glass and plastic fiber to plastic ferrules, it also bonds exceptionally well to ceramic and metal ferrules. This system gels very quickly allowing for polishing and connecting in under 2 minutes. The high temperature capability of TRA-BOND F199 allows it to be used in many non-fiber applications where a bond line under .005" is required. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-F199-High-Temperature-Anaerobic-Adhesive-System.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	Mixed
Viscosity	60000 cP @Temperature 25.0 °C	60000 cP @Temperature 77.0 °F	Adhesive (sp #6, 2.5 rpm)

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	13.8 MPa	2000 psi	Lap shear, alum to alum

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Glass Transition Temp, Tg	47.0 °C	117 °F	Ultimate Tg; TMA

Descriptive Properties	Value	Comments
Color	Amber	Primer
	Clear	Adhesive

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