

## Tra-Con Tra-Bond 716K01 Radio Opaque Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

**Material Notes:**

TRA-BOND 716K01 is a low viscosity epoxy resin system specifically developed for adhesive coating applications where radio opacity is required. This two part dark grey adhesive is commonly used for bonding, laminating and repair applications by manufactures of catheters, guide wires, stents, processing and packaging equipment, hearing aids, dental products and other biomedical instruments and devices.

TRA-BOND 716K01 provides low permeability to gases and vapors and good resistance to water, weather, galvanic action, to petroleum solvents, lubricants, and fuels, to mild acids and alkalis, and to many 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-716K01-Radio-Opaque-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-716K01-Radio-Opaque-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	13000 cP @Temperature 25.0 °C	13000 cP @Temperature 77.0 °F	Mixed (cp #52, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	91	91	1 hr @ 65°C
Adhesive Bond Strength	24.1 MPa	3500 psi	Lap shear, alum to alum, 1 hr @ 65°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	87.0 °C	189 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	60.0 min @Temperature 65.0 °C	1.00 hour @Temperature 149 °F	

Descriptive Properties	Value	Comments
Color	Amber	Hardener
	Dark Gray	Resin/Mixed/Cured
Thixotropic Index	1.3	1 rpm/10 rpm

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