

## Tra-Con Tra-Bond R07 Radio Opaque Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

**Material Notes:**

TRA-BOND RO-7 is a high viscosity epoxy resin system specifically developed for adhesive and coating applications where radio opacity is required. It can be used as an X-ray marker on in-vitro medical devices. This two-part black adhesive is easily mixed, used and cured at room temperature for bonding, lamination and repair applications by manufacturers of catheters, hearing aids, dental products and other biomedical instruments and devices. TRA-BOND RO-7 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-R07-Radio-Opaque-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-R07-Radio-Opaque-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	4.20 g/cc	4.20 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	145 °C	293 °F	
Minimum Service Temperature, Air	-70.0 °C	-94.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 240 min	1.00 - 4.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	180 min	180 min	

Descriptive Properties	Value	Comments
Color	Black	
Mix Ratio, parts by weight	100/11	Resin/Hardener

## Contact Songhan Plastic Technology Co.,Ltd.

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