

Tra-Con Tra-Bond 1137 Epoxy Microballoon Repair Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 1137 is a sag resistant syntactic-foam formulation developed for aerospace honeycomb, fillet, edge-fill, contour repair, bonding, potting and casting applications where a light-weight, low shrinkage and low expansion material is required. This adhesive is easily mixed and handled at room temperature, and it develops strong, highly reliable bonds to most surfaces -- including metals, glass and glass fabrics, and many plastics. TRA-BOND 1137 is a completely unicellular material composed of micron-sized phenolic spheres in a high-performance epoxy binder, has a very uniform point-to-point structure and exhibits low shrinkage during cure, good dimensional stability, low density, high strength-to-weight ratio, high dielectric strength, and a low dielectric constant. The fully cured adhesive is a strong, light weight and durable electrical insulator which can be cut, drilled sawed and shaped (as needed) with ordinary shop tools. In addition, TRA-BOND 1137 is resistant to water, weather, gases and vapors, salt and salt solutions, mild acids and alkalis, alcohol, jet fuels, gasoline and other petroleum products, and 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-1137-Epoxy-Microballoon-Repair-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.650 g/cc	0.650 g/cc	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	

Processing Properties	Metric	English	Comments
Cure Time	240 min	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	

Descriptive Properties	Value	Comments
Color	Red-Brown	
Mix Ratio, parts by weight	100/18	Resin/Hardener

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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