

BJB Epoxy TC-1606 A/B

Epoxy; Epoxide
BJB Enterprises, Inc.

Message:

TC-1606 is a very low viscosity, black epoxy-potting compound. It has a long work life, excellent bubble release properties and can be injected through a small diameter tube such as a hypodermic needle. Thermal shock resistance is another advantage of TC-1606.

General Information			
Features	Low Viscosity		
Appearance	Black		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ERF 3-69
Water Absorption - 24 hr (25°C)	0.30	%	ASTM D543
Viscosity - Mixed	500	mPa · s	
Work Time (25°C)	2.0	hr	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.4	MPa	ERF 6-69
Tensile Elongation (Yield)	6.0	%	ERF 6-69
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity			ASTM D257
25°C	7.0E+14	ohms · cm	
66°C	2.3E+11	ohms · cm	
Dielectric Constant (1 MHz)	3.80		ASTM D150
Dissipation Factor (1 MHz)	0.025		ASTM D150
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 100		
Part B	Mix Ratio by Weight: 50		
Shelf Life	52	wk	

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