

# BJB Epoxy TC-1611 A/B

Epoxy; Epoxide

BJB Enterprises, Inc.

## Message:

TC-1611 A/B is an easy to apply, heat resistant, black surface coat commonly used as a face coat for epoxy laminating and casting systems. TC-1611 A/B provides excellent surface detail reproduction and has a service temperature of 350°F (177°C).

General Information			
Features	High Hardness		
	High Heat Resistance		
Uses	Coating Applications		
Appearance	Black		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.00	g/cm <sup>3</sup>	ASTM D792
Specific Gravity			
Part A	1.845	g/cm <sup>3</sup>	
Part B	0.978	g/cm <sup>3</sup>	
Demold Time (25°C)	16.0 to 24.0	hr	
Work Time (25°C) <sup>1</sup>	20.0 to 25.0	min	
Brookfield Viscosity			
Mixed : 25°C	15.5	Pa · s	
Part A : 25°C	Paste-like		
Part B : 25°C	0.0600	Pa · s	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90 to 94		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	56.5	MPa	ASTM D638
Flexural Strength	86.2	MPa	ASTM D790
Compressive Strength	193	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	166	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D3386
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 6.0, Mix Ratio by Volume: 11		
Shelf Life	52	wk	
NOTE			

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#### Recommended distributors for this material

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