

BJB Polyurethane TC-960 A/B

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

BJB Polyurethane TC-960 A/B is a thermosetting polyurethane elastomer (TSU) material. This product is available in North America.

The main features of BJB Polyurethane TC-960 A/B are:

- Strong adhesion
- high strength
- Typical application areas include:
 - glue/gummed paper
 - Tools
 - Sealing applications
 - Automotive Industry
 - medical/health care

General Information			
Features	High strength		
	Adhesiveness		
	Good adhesion		
	Elastic		
Uses	Sealing device		
	Car anti-collision bar		
	artificial skin		
	Bonding		
	Adhesive		
	Mold/Mold/Tool		
Appearance	Translucent		
	Amber		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	5.86	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Tear Strength	31.5	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Shelf Life (25°C)	26	wk	

Demold Time (25°C)	480 - 840	min
Post Cure Time (71°C)	16	hr
Additional Information		

Shrinkage linear, ASTM D-2566: 0.009 in/in Mix ratio by weight: 100/100 Mix ratio by volume: 96/100 Work time, 100 g, 77°F: 30 min

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