

BJB Polyurethane F-15 A/B

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

BJB Polyurethane F-15 A/B is a Polyurethane Thermoset Elastomer (TSU) material. It is available in North America.

Important attributes of BJB Polyurethane F-15 A/B are:

- Good Toughness
- Low Moisture Absorption
- Low Viscosity

General Information			
Features	Good Stretchability		
	Good Toughness		
	Low Moisture Absorption		
	Low Viscosity		
	Resilient		
	Tack Free		
Appearance	Clear Amber		
	Clear/Transparent		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Specific Gravity			
Part A	1.05		
Part B	1.00		
Color			
Part A	Pale Yellow		
Part B	Amber		
Gel Time	25.0	min	
Work Time (25°C) ¹	20.0	min	
Brookfield Viscosity			
Mixed : 25°C	1.15	Pa · s	
Part A : 25°C	3.70	Pa · s	
Part B : 25°C	0.250	Pa · s	
Molding Shrinkage - Flow	0.80	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	10 to 20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1.62	MPa	ASTM D412

Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	4.20	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 45, Mix Ratio by Volume: 43		
Part B	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Demold Time (25°C)	120 to 180	min	
Post Cure Time (25°C)	24	hr	
NOTE			
1.	100 g mass		

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