

BJB Polyurethane SP-82 A/B

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

SP-82 A/B is a two-component flexible polyurethane designed to provide excellent physical properties as a spray applied elastomer.

General Information			
Appearance	Amber		
Forms	Liquid		
Processing Method	Spraying		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Specific Gravity			
Part A	1.117	g/cm ³	
Part B	1.047	g/cm ³	
Viscosity			
Part A : 25°C	1.70	Pa · s	
Part B : 25°C	1.50	Pa · s	
Gel Time (25°C) ¹	40.0 to 45.0	sec	
Tack Free Time ²	5.0 to 10.0	min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78 to 82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.5	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	39.4	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 94, Mix Ratio by Volume: 100		
Shelf Life	26	wk	
NOTE			
1.	100g		
2.	Sprayed		

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