

BJB Polyurethane SC-114

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

SC-114 is a water based, aliphatic polyurethane coating. SC-114 can be used as a stretch coating for most plastics, foams, synthetic rubber, flexible polyurethane foams, and polyurethane elastomers such as SkinFlex. This product, when brushed or sprayed, will air dry quickly to form a soft, stretchy elastomeric coating.

General Information			
Features	Good Color Stability		
	High Elongation		
	Moisture Resistant		
	Soft		
	Solvent Resistant		
Uses	Coating Applications		
	Fabric Coatings		
Appearance	White		
Forms	Liquid		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Water Absorption ¹	5.0	%	
Solids Content	40	%	
Viscosity	100 to 300	mPa · s	
Dry Time ² (25°C, 76.2 μm)	15.0	min	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	2.76	MPa	
300% Strain	1.38	MPa	
Tensile Strength (Yield)	13.8 to 16.5	MPa	ASTM D412
Tensile Elongation (Break)	620	%	ASTM D412
Thermoset	Nominal Value	Unit	
Shelf Life	26	wk	
NOTE			
1.	Linear Swell		
2.	wet film on glass		

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