

BJB Polyurethane TC-312 A/B

Polyurethane
BJB Enterprises, Inc.

Message:

The TC-312 A/B polyurethane foam system is a rigid, closed cell foam with a density of 12 lbs. per cubic foot. The TC-312 can be easily mixed by hand in small batches using a rapid, vigorous mixing action or by using a Jiffy Mixer® in a drill to provide a high-shear mix in small to large quantities. For low to high production, this foam system can also be machine dispensed using BJB's Centerpointe Meter-Mix equipment. Cured parts can be sanded, stapled, painted or stained within a short time after demolding.

General Information			
Features	Paintable		
Uses	Foam		
Appearance	Amber		
	Brown		
Forms	Liquid		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
Part A	1.227	g/cm³	ASTM C518
Part B	1.247	g/cm³	
K (wear) Factor (25°C)	0.285		
Cream Time	30.0 to 40.0	sec	ASTM D2856
Demold Time	15.0 to 20.0	min	
Rise Time	1.5 to 2.0	min	
Tack Free Time	3.0 to 4.0	min	
Brookfield Viscosity			
Part A : 25°C	250	mPa·s	ASTM D2856
Part B : 25°C	2160	mPa·s	
Closed Cell Content	98	%	
Free Rise Foam Density	5400	g	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2.90	MPa	ASTM D1623
Flexural Strength	3.62	MPa	ASTM D790
Compressive Strength	3.28	MPa	ASTM D1621
Shear Strength	2.24	MPa	ASTM C273
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 80		
Part B	Mix Ratio by Weight: 100		
Shelf Life	26	wk	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

