

BJB Polyurethane PC-12 A/B

Polyurethane
BJB Enterprises, Inc.

Message:

PC-12 A/B is a two component polyurethane gel system originally designed as a slow rebound and vibration dampening material.

Product Highlights:

- Does not contain mercury
- RoHS compliant
- Does not contain MOCA, MDA, TDI or volatile ingredients
- Non-foaming, odorless
- Easy to use
- Cures at room temperature
- Vibration dampening
- Slow rebound

General Information			
Features	Low to No Odor		
	Vibration Dampening		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
	Yellow		
Forms	Gel		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			ASTM D792
-- ¹	0.990	g/cm ³	
--	1.01	g/cm ³	
-- ²	1.13	g/cm ³	
Specific Volume	0.994	cm ³ /g	
Gel Time	25.0 to 30.0	min	
Work Time ³ (25°C)	10.0 to 15.0	min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore OO)	15 to 25		ASTM D2240
Electrical	Nominal Value		Test Method
Dielectric Constant (1 kHz)	5.96		ASTM D150
Dissipation Factor (1 kHz)	0.013		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 20, Mix Ratio by Volume: 18		
Part B	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Shelf Life	26	wk	
Thermoset Mix Viscosity			ASTM D2393

25°C ⁴	630	cP
25°C ⁵	1350	cP
25°C ⁶	1700	cP
Demold Time (25°C)	960 to 1400	min

NOTE

- | | |
|----|--------------------|
| 1. | Part B |
| 2. | Part A |
| 3. | 100g mass |
| 4. | Part B, Brookfield |
| 5. | Part A, Brookfield |
| 6. | Mixed, Brookfield |

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