

BJB Polyurethane TC-277 A/B

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

TC-277 A/B is an integral skinning, 4 lb medium density, water blown flexible foam. This system does not contain MOCA or toluene diisocyanate and is practically odorless. TC-277 A/B contains no HCFC and is environmentally safe. Skin thickness is controlled by material and mold temperature, and the loading of the mold. BJB pigments may be added to the "B" side for developing a wide range of colors. TC-277 A/B can be hand mixed, machine dispensed, or mixed with a Jiffy Mixer®.

Bumpers/crash pads

Movie props/special effects devices

General Information			
Features	Environmentally Sound		
	Foamable		
	Low to No Odor		
Uses	Automotive Bumper		
	Foam		
Appearance	Clear Amber		
Forms	Liquid		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	
Specific Gravity			
-- ¹	1.03	g/cm ³	
-- ²	1.15	g/cm ³	
--	0.0641	g/cm ³	
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A ³	Mix Ratio by Weight: 60		
Part A ⁴	Mix Ratio by Weight: 75		
Part B ⁵	Mix Ratio by Weight: 100		
Part B ⁶	Mix Ratio by Weight: 100		
Shelf Life	26	wk	
Thermoset Mix Viscosity			ASTM D2393
25°C ⁷	2250	cP	
25°C ⁸	425	cP	
Demold Time	20 to 30	min	
Cream Time (25°C)	20.0 to 25.0	sec	
Rise Time	1.3 to 1.5	min	
Mix Time	10.0 to 15.0	sec	
NOTE			

1.	Part B
2.	Part A
3.	For slightly softer foam
4.	For firmer high resilient foam
5.	For slightly softer foam
6.	For firmer high resilient foam
7.	Part B, Brookfield
8.	Part A, Brookfield

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