

FLABBERCAST Gel

Polyurethane
BJB Enterprises, Inc.

Message:

FLABBERCAST is set up as a three component liquid material system. When added in increased amounts, the "C" component takes the basic A/B mixture from the texture of an ordinary soft gumdrop to a jelly-like consistency. One of the most unusual, yet, important features of this product is that regardless of the consistency, FLABBERCAST can bounce back to its original shape. The maximum amount of "C" that can be added is 200% to a total A/B mixture. This level of "C" produces a gel that has a sticky, pressure-sensitive adhesive type surface. This can be a desirable feature as it can keep the gel in place when it is used to fill a bladder or bag.

General Information			
Features	Fast Cure		
	Low to No Water Absorption		
	Non-Corrosive		
Forms	Gel		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Shrinkage ¹	0.20	%	
Viscosity - Mixed	150	mPa · s	
Demold Time (25°C)	3.0	hr	
Work Time ² (25°C)	5.0 to 10.0	min	
Water Resistance - 30 days (25°C)	0.2	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	13 to 17		ASTM D2240
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 50		
Part B	Mix Ratio by Weight: 100		
Shelf Life	26	wk	
NOTE			
1.	by volume		
2.	100g		

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