

BJB Polyurethane F-62 FR A/B

Polyurethane Thermoset Elastomer

BJB Enterprises, Inc.

Message:

The F-62 FR A/B system is a production oriented fire retardant system. It features a work time which allows time to vacuum de-air and cast detailed or large parts by hand, or by use of metered dispense equipment.

Product Highlights:

Does not contain MOCA, MDA, or TDI

Machine dispensable by simple volume ratio

Hand mixable and castable by simple weight ratio

General Information			
Features	Flame retardancy		
RoHS Compliance	RoHS compliance		
Appearance	Translucent		
	Yellow		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Specific Gravity			
Part A	1.21		
Part B	1.03		
Shrinkage	0.20	%	ASTM D2566
Gel Time	10.0	min	
Work Time (25°C) ¹	6.0 - 7.0	min	
Cure Time (25°C)	5.0 - 7.0	day	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	58 - 62		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4.31	MPa	ASTM D412
Tensile Elongation (Break)	310	%	ASTM D412
Tear Strength	10.5	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Component a	Mixing ratio by weight: 60, mixing ratio by capacity: 50		
Component B	Mixing ratio by weight: 100, mixing ratio by capacity: 100		
Shelf Life (24°C)	26	wk	
Thermoset Mix Viscosity			
25°C ²	650	cP	Brookfield
25°C ³	750	cP	Brookfield
25°C	700	cP	Brookfield

Demold Time (25°C)	180 - 240	min	
Additional Information	Nominal Value	Unit	Test Method
In order to achieve maximum physical properties, a post cure with heat is required. BJB recommends 24 hours at ambient temperature, 77°F (25°C), followed by 16 hours at 160°F (71°C).			
NOTE			
1.	100g mass		
2.	Part A		
3.	Part B		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

