

BJB Silicone TC-5027 A/B

Silicone

BJB Enterprises, Inc.

Message:

TC-5027 A/B is a brushable grade room temperature vulcanizing rubber intended primarily for making glove molds as well as parts.

General Information			
Uses	Molds/Dies/Tools		
Appearance	Light Green		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Specific Gravity			
Part A	1.147	g/cm ³	
Part B	1.027	g/cm ³	
Shrinkage	Negligible		ASTM D2566
Viscosity - Mixed (24°C)	semi-paste	cP	
Demold Time	16.0 to 24.0	hr	
Work Time ¹	45.0	min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	23 to 27		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3.79	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	17.5	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Weight: 100		
Part B	Mix Ratio by Weight: 10		
Shelf Life	26	wk	
NOTE			
1.	1 lbm		

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Recommended distributors for this material

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