

BJB Silicone TC-5030 A/B

Silicone

BJB Enterprises, Inc.

Message:

TC-5030 A/B is a room temperature, additional/platinum curing silicone rubber designed for mold making, encapsulation applications, pressure pads, gaskets, and various other types of parts. When this rubber is used to make certain types of molds, it is translucent enough to see through when casting into the mold cavity.

General Information			
Uses	Gaskets		
	Molds/Dies/Tools		
Appearance	Translucent		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			ASTM D792
-- ¹	0.998	g/cm ³	
--	1.08	g/cm ³	
-- ²	1.23	g/cm ³	
Specific Volume	0.928	cm ³ /g	
Gel Time	1.3	hr	
Work Time ³ (25°C)	30.0	min	
Molding Shrinkage - Flow (25.4 mm)	0.0	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	25 to 35		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4.83	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	11.4	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100		
Part B	Mix Ratio by Weight: 10		
Shelf Life	52	wk	
Thermoset Mix Viscosity ⁴ (25°C)	45000	cP	ASTM D2393
Demold Time (25°C)	1400	min	
NOTE			
1.	Part B		
2.	Part A		
3.	100g mass		
4.	Mixed, Brookfield		

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