

Platinum Silicone

Property*	Test Method	Value	
Appearance	WSTM 2298	Translucent	
Specific Gravity, 25°C	WSTM 1261	1.19	
Extrusion Rate Catalyzed, 25°C g/min**	WSTM 2299	20	
Pot Life, hrs, 25°C***	WSTM 2299	48	
Temperature Range	-40°F to 450°F (-40°C to 232°C)		
		Press Cured 5 min/166°C	Post Cured 4 hr/204°C
Hardness, Shore A	WSTM 1110	75	80
Tensile Strength	WSTM 1160	9.66 MPa 1,400 psi	9.66 MPa 1,400 psi
Elongation, %	WSTM 1160	400	300
Tear Strength, die B	WSTM 1160	33.25 kN/m 190 psi	22.75 kN/m 130 psi
Compression Set, Method B (22 hr/177°C)	WSTM 1114	50	20
Shrink, %	WSTM 1114	2.5	3.1
Brittle Point, °C	ASTM D746	N/A	-73

Silicone meets the following certifications: FDA, Class VI, 3A and ADI Free



*Properties obtained after mixing Part A and Part B in a ratio of 1:1. **Extrusion rate obtained at 90 psi and 0.125 inch orifice. ***Pot life determined by time required for extrusion rate to be reduced to 50% of initial value. The preceding data gives the typical properties of Silicone material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used as a guide at your discretion and risk. Rubber Fab cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.

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