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RTV-2 Silicones Since 1974

XP-268

Product Information

General Information

XP-268 is a very high durometer, high modulus, platinum-catalyzed, RTV-2 silicone rubber designed for casting polyurethanes and epoxies. It is easy to mix and de-air, and will cure with virtually no shrinkage. The speed at which the rubber hardens can be dramatically accelerated with heat or with **Pt Accelerator** at room temperature. Addition-cure two-component silicone rubbers may show inhibition sensitivity. **XP-268** offers outstanding chemical and heat resistance and the rigidity to withstand the expansion of most polyurethane foams.

Typical Properties

Uncatalyzed Compound

Color	Base: Tan	Activator: Blue
Viscosity (cps)	Base: 140,000-170,000	Activator: 1,000-2,000
Mixing Ratio (B/A)	By weight: 100 / 10	By volume: 100 / 13.2
Viscosity (cps)	Mixed: 70,000-80,000	
Working Time	2 to 3 hours	
Cure Time	16-24 hours	
Shelf Life	6 months	

Vulcanized (cured) Properties (7 days @ 70° F / 50% relative humidity)

Shore A Hardness (±4)	One day: 70	7 Days: 70	2 hrs @ 150°F: 77
Tear Resistance (ASTM D624)	75 ± 10 ppi		
Tensile Strength (ASTM D412)	850 ± 100 psi		
Elongation (ASTM D412)	125 ± 25 %		
Service Temperature (° F)	-60 to 650		
Shrinkage	nil		
Specific Gravity	1.28		
Coverage (in³ / lb)	21.8		
Dielectric Strength (volts/mil)	n.a.		
Dielectric Constant (@ 100 HZ)	n.a.		
Dissipation Factor (@ 100 HZ)	n.a.		
Volume Resistivity (ohms/cm)	n.a.		

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