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RTV-2 Silicones Since 1974

GI-384

Product Information

General Information

GI-384 is a high tear strength, tin-catalyzed RTV-2 silicone rubber, which was designed for casting solid polyurethane resins, polyurethane foams and other plastic parts. **GI-384** is not sensitive to inhibition, meaning it will cure at room temperature over virtually any surface. It is easy to mix and de-air, and will cure with only a slight degree of shrinkage. The speed at which the rubber hardens can be accelerated with special activators. **GI-384** is extremely useful for those applications where a strong flexible rubber is required.

Typical Properties

Uncatalyzed Compound

Color	Base: White	Activator: Red
Viscosity (cps)	Base: 25,000-40,000	Activator: 300-400
Mixing Ratio (B/A)	By weight: 100 / 5	By volume: 100 / 5.6
Viscosity (cps)	Mixed: 10,000-20,000	
Working Time	1 to 2 hours	
Cure Time	16-18 hours	
Shelf Life	6 months	

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

Shore A Hardness (±4)	One day: 25	7 Days: 30
Tear Resistance (ASTM D624)	125 ± 25 ppi	
Tensile Strength (ASTM D412)	450 ± 25 psi	
Elongation (ASTM D412)	425 ± 25 %	
Service Temperature (° F)	-60 to 350	
Shrinkage	0.10 %	
Specific Gravity	1.10	
Coverage (in³ / lb)	25.2	

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