



Silicones, Inc.

P.O. Box 363
High Point, NC 27261
Tel: 336-886-5018
Fax: 336-886-7122
www.silicones-inc.com

RTV-2 Silicones Since 1974

P-573

Product Information

General Information

P-573 is a soft, high elongation, addition cure silicone designed for animatronics where small, precise movements of the robotics are required. Inhibition can occur if uncured **P-573** comes into contact with organo-tin, sulfur or nitrogen containing compounds during the curing process.

Typical Properties

Uncatalyzed Compound

Color	Base: Translucent	Activator: Translucent
Viscosity (cps)	Base: 42,000 - 46,000	Activator: 900 - 1100
Mixing Ratio (B/A)	By weight: 100 / 10	By volume: 100 / 11.1
Mixed Viscosity	35,000 - 38,000	
Working Time	1.5 to 2.5 hours	
Cure Time	16 - 18 hours	
Shelf Life	6 months	

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

Shore 00 Hardness (± 4)	One day: 53	7 Days: 54
Shore A Hardness (± 4)	One day: 3	7 Days: 4
Tear Resistance (ASTM D624)	81 \pm 3 ppi	
Tensile Strength (ASTM D412)	300 \pm 13 psi	
Elongation (ASTM D412)	745 \pm 33 %	

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