



Silicones, Inc.

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RTV-2 Silicones Since 1974

Product Information

General Information

XP-382 Silicone Rubber

Description

XP-382 silicone rubber is a translucent two-component, addition reaction, platinum catalyzed system that cures at room temperature. It has a moderate durometer, superb physical properties, excellent release, good chemical resistance and low silicone oil bleedout.

Applications

XP-382 is used to make molds where visual inspection is required. The combination of physical integrity and moderate hardness make it an excellent choice for prototyping. Due to its flexibility and ease in releasing, it performs well with expandable foam systems, maintaining its shape and detail for multiple castings.

Typical Properties

Color of Base	Translucent
Color of Activator	Clear
Viscosity, base, cps	150,000 \pm 20,000
Viscosity, mixed, cps	75,000 \pm 10,000
Specific gravity	1.08
Working time, hours	1 to 2
Shore A hardness	32 \pm 3
Tear strength, ppi	100 \pm 20
Tensile strength, psi	600 \pm 50
Elongation, %	250 \pm 25
Shrinkage, %	Nil
Shelf Life(months)	6

The information contained in this product information sheet is based on sources believed to be accurate. It is offered in good faith, but without guarantee since the conditions of use are beyond our control. All risks of use are assumed by the user.