

RTV-2 XP-382

Silicone Rubber, RTV-2

Silicones, Inc.

Message:

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 rerforms well with expandable foam systems, maintaining its shape and detail for multiple castings.

General Information		
Features	Good Chemical Resistance	
	Good Flexibility	
	Medium Hardness	
Uses	Foam	
	Prototyping	
Forms	Liquid	
Physical	Nominal Value	Unit
Specific Gravity	1.08	g/cm ³
Thermoset	Nominal Value	Unit
Shelf Life	26	wk
Thermoset Mix Viscosity	65000 to 85000	cP
Uncured Properties	Nominal Value	Unit
Color		
-- ¹	Clear/Transparent	
-- ²	Translucent	
Viscosity ³	130 to 170	Pa · s
Pot Life	60 to 120	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	29 to 35	
Tensile Strength	3.79 to 4.48	MPa
Tensile Elongation at Break	230 to 280	%
Tear Strength	14.0 to 21.0	kN/m
NOTE		
1.	Activator	
2.	Base	
3.	Base	

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