

RTV-2 XT-493

Silicone Rubber, RTV-2

Silicones, Inc.

Message:

XT-493 is a high tear strength, thixotropic, two-component, tin catalyzed RTV silicone rubber. It is designed for casting polyurethane, polyester and epoxy parts. XT-493 is useful for applications where a non-flowing, non-sagging rubber is needed. It is an excellent product with the following advantages over other RTV silicones.

Applications:

XT-493 is recommended for casting polyesters, polyurethanes, waxes, gypsum, concrete, epoxies and other plastics. It is useful for upright applications where little or no flow is required.

General Information			
Features	Good Tear Strength		
	Low Flow		
Uses	Mold Making		
Forms	Liquid		
Physical	Nominal Value	Unit	
Specific Gravity			
-- ¹	0.988	g/cm ³	
-- ²	1.10	g/cm ³	
Shrinkage - Cured	0.10	%	
Thermoset	Nominal Value	Unit	Test Method
Shelf Life	26	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Color			
-- ³	Colorless		
-- ⁴	Off White		
Viscosity ⁵	0.35	Pa · s	
Curing Time	16 to 18	hr	
Pot Life	60 to 90	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness ⁶ (Shore A)	26 to 34		
Tensile Strength	3.10 to 3.45	MPa	ASTM D412
Tensile Elongation at Break	250 to 300	%	ASTM D412
Tear Strength ⁷	15.8 to 19.3	kN/m	ASTM D624
NOTE			
1.	Activator		
2.	Base		
3.	Activator		
4.	Base		
5.	Activator		

6.	7 Days
7.	Die B

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