

RTV-2 XT-426

Silicone Rubber, RTV-2

Silicones, Inc.

Message:

XT-426 is a high tear resistance, medium tensile strength, two-component, tin catalyzed RTV silicone rubber. It is designed for casting polyurethane resins, polyester resins and other types of plastic. XT-426 is excellent for general purpose applications where a very strong, flexible rubber is needed.

General Information			
Features	Good Flexibility		
	Good Tear Strength		
	High Strength		
Uses	General Purpose		
	Molds/Dies/Tools		
Forms	Liquid		
Physical	Nominal Value	Unit	
Specific Gravity			
-- ¹	0.988	g/cm ³	
-- ²	1.31	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	Blue		
-- ⁴	Off White		
Viscosity			
-- ⁵	0.35	Pa · s	
-- ⁶	20 to 30	Pa · s	
Curing Time	16 to 18	hr	
Pot Life	60 to 90	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness			
Shore A ⁷	12 to 18		
Shore A ⁸	24 to 30		
Tensile Strength	1.65 to 2.00	MPa	ASTM D412
Tensile Elongation at Break	220 to 270	%	ASTM D412
Tear Strength	14.0 to 19.3	kN/m	ASTM D624
NOTE			

1.	Activator
2.	Base
3.	Activator
4.	Base
5.	Activator
6.	Base
7.	1 Day
8.	7 Days

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