

RTV-2 XT-475

Silicone Rubber, RTV-2

Silicones, Inc.

Message:

XT-475 is a medium durometer, two-component, tin catalyzed silicone rubber. XT-475 is a very dry silicone rubber. It is useful in molding applications where the ability to paint/finish parts without a washing step is critical. The addition of XT-475 softener will lower the hardness of the cured rubber without imparting any oiliness. Important Note: XT-475 is so dry that other RTV silicones will not stick to it; XT-475 will not even stick to itself. XT-475 should not be used to build a mold where multiple layers are required.

General Information				
Features	Paintable			
Uses	Mold Making			
	Molds/Dies/Tools			
Forms	Liquid			
Thermoset	Nominal Value	Unit	Test Method	
Thermoset Components				
Part A	Mix Ratio by Weight: 10			
Part B	Mix Ratio by Weight: 100			
Uncured Properties	Nominal Value	Unit	Test Method	
Color				
-- ¹	Translucent			
-- ²	Translucent			
Viscosity				
-- ³	1.0	Pa · s	ASTM D412	
-- ⁴	30 to 40	Pa · s		
Pot Life	60	min		
Cured Properties	Nominal Value	Unit		Test Method
Shore Hardness ⁵ (Shore OO)	66 to 74			
Tensile Strength	2.96 to 3.65	MPa		
Tensile Elongation at Break	450 to 550	%		
Tear Strength	16.6 to 23.6	kN/m		
NOTE				
1.	Activator			
2.	Base			
3.	Activator			
4.	Base			
5.	7 Days			

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