

# RTV-2 XT-153

Silicone Rubber, RTV-2

Silicones, Inc.

## Message:

XT-153 is a two component condensation cure silicone rubber mold making material. It differs from most silicone rubber materials in that it is translucent rather than opaque. In thin sections, it is nearly transparent. It has been designed with a low viscosity to enable it to reproduce intricate detail and a very low durometer that allows maximum flexibility. It can also be easily colored by the addition of appropriate pigments. This unique combination of properties makes XT-153 well-suited for the special effects and movie making industries.

General Information		
Features	Good Colorability	
	Good Flexibility	
	Low Viscosity	
Forms	Liquid	
Physical	Nominal Value	Unit
Specific Gravity <sup>1</sup>	1.06	g/cm <sup>3</sup>
Shrinkage - Cured	0.10	%
Uncured Properties	Nominal Value	Unit
Color		
-- <sup>2</sup>	Translucent	
-- <sup>3</sup>	Translucent	
Viscosity		
-- <sup>4</sup>	0.30 to 0.40	Pa · s
-- <sup>5</sup>	20 to 30	Pa · s
Curing Time	18 to 24	hr
Pot Life	60 to 120	min
Cured Properties	Nominal Value	Unit
Shore Hardness		
Shore A <sup>6</sup>	2 to 4	
Shore A <sup>7</sup>	5 to 8	
Tensile Strength	1.34 to 1.69	MPa
Tensile Elongation at Break	450 to 500	%
Tear Strength	7.01 to 10.5	kN/m
NOTE		
1.	Cured	
2.	Activator	
3.	Base	
4.	Activator	
5.	Base	
6.	1 Day	

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#### Recommended distributors for this material

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