

Generic Silicone Rubber, RTV-2

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Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Silicone Rubber, RTV-2
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988 to 1.55	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	23 to 71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	2.72 to 5.92	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	42 to 190	%	ASTM D412
Tear Strength (23°C)	2.45 to 21.9	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.8E-4 to 4.2E-4	cm/cm/°C	ASTM D696
Thermal Conductivity (23°C)	0.27 to 1.4	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0E+14 to 1.6E+15	ohms · cm	ASTM D257
Dielectric Strength (23°C)	19 to 27	kV/mm	ASTM D149
Dielectric Constant (23°C)	2.90 to 5.00		ASTM D150
Dissipation Factor (23°C)	2.0E-4 to 0.020		ASTM D150
Thermoset	Nominal Value	Unit	
Shelf Life (23°C)	26 to 52	wk	
Uncured Properties	Nominal Value	Unit	

Amber

Black

Clear/Transparent

Colorless

Grey

Red

White

Color	Yellow	
Density (23°C)	0.955 to 2.35	g/cm ³
Viscosity (23°C)	0.050 to 5.5	Pa·s
Curing Time (23°C)	23 to 24	hr
Pot Life (23°C)	66 to 120	min

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