

## Dow Corning 730 SOLVENT RESISTANT SEALANT

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

**Material Notes:**

Fluorosilicone (solvent resistant) RTV sealant Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-730-SOLVENT-RESISTANT-SEALANT.php](http://www.lookpolymers.com/polymer_Dow-Corning-730-SOLVENT-RESISTANT-SEALANT.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	
Tensile Strength, Ultimate	2.07 MPa	300 psi	
Elongation at Break	200 %	200 %	
Peel Strength	2.63 kN/m	15.0 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	
Brittleness Temperature	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.10e+13 ohm-cm	2.10e+13 ohm-cm	
Dielectric Constant	5.5	5.5	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	5.5	5.5	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dissipation Factor	13.0 kV/mm	331 kV/in	
	0.0034	0.0034	
	@Frequency 100 Hz	@Frequency 100 Hz	
	0.0043	0.0043	

Electrical Properties	@Frequency 100000 Hz Metric	@Frequency 100000 Hz English	Comments
Arc Resistance	124 sec	124 sec	

Processing Properties	Metric	English	Comments
Shelf Life	18.0 Month	18.0 Month	

Descriptive Properties	Value	Comments
Color	White	
Water Resistant	yes	

## Contact Songhan Plastic Technology Co.,Ltd.

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