

## Dow Corning HV 1551/70P

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

**Material Notes:**

40 Shore hardness low viscosity injection mouldable liquid silicone rubber with high tear strength, high elongation and a fast cure speed. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-HV-155170P.php](http://www.lookpolymers.com/polymer_Dow-Corning-HV-155170P.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38	38	
Tensile Strength, Ultimate	5.52 MPa	800 psi	
Elongation at Break	500 %	500 %	
Tear Strength	28.0 kN/m	160 pli	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+15 ohm-cm	1.50e+15 ohm-cm	
Dielectric Constant	2.7	2.7	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	30.3 kV/mm	770 kV/in	
Dissipation Factor	0.00060	0.00060	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Pot Life	4320 min	4320 min	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	

<b>Hydrophobic</b> Descriptive Properties	<b>Value</b>	<b>Comments</b>
Mix Ratio (X:1)	100	Base to Catalyst ETN

## Contact Songhan Plastic Technology Co.,Ltd.

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