

Shin-Etsu Elastomer SV-55002U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

SV-55002U is one of a series of silicone bases Type of HCR designed for applications requiring high strength.

Excellent mechanical properties

Typical Applications

Molding and Extrusion applications for a wide range of products

General Information		
Features	High strength	
Processing Method	Extrusion	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.13	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	50	
Elastomers	Nominal Value	Unit
Tensile Strength	9.31	MPa
Tensile Elongation (Break)	660	%
Tear Strength ¹	33.3	kN/m
Compression Set (100°C, 70 hr)	10	%
Thermoset	Nominal Value	Unit
Post Cure Time (200°C)	4.0	hr
Additional Information	Nominal Value	Unit
Cure Agent	DBPH	
Press / Post Cure: Press		
Uncured Properties	Nominal Value	Unit
Curing Time	0.17	hr
NOTE		
1.	B mould	

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