

Symel Sleeving SE5559 UL

Symel Sleeving SE5559 is a durometer flame retardant silicone rubber. SE5559 has been utilized as insulation for electrical and electronics wiring applications where UL94 V-O flame retardance is specified.

Typical Properties of Uncured Compound

Property	Value
Specific Gravity	1.28- 1.33
Appearance	Brown
Polymer Classification (ASTM D 1418)	MVQ

Material Designation: **SE-5559**

Product Description: Silicone Molding Resin (SIR), furnished as sheets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
BN	1.8	V-1	1	-	105	-	105	-	-
	1.9	V-0	1	-	105	-	105	-	-
	3.4	V-0	1	-	105	-	105	-	-
CTI: -	IEC CTI (V): -	HVTR: -	D495: -		IEC Ball Pressure (°C): -				
Dielectric Strength (kV/mm): 22	Volume Resistivity (10^Xohm-cm): 16		Dimensional Stability(%): 0						
ISO Tensile Strength (MPa): -	ISO Flexural Strength (MPa): -		ISO Heat Deflection (°C): -						
ISO Tensile Impact (kJ/m²): -	ISO Izod Impact (kJ/m²): -		ISO Charpy Impact (kJ/m²): -						

Report Date: 9/21/1977

Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.