

Silplus® 30 AS

Silicone Rubber, HTV

Momentive Performance Materials Inc.

Message:

Silplus 30 AS, 30 duro hardness heat cured silicone rubber compound for compression molding processes, offers a good anti-static property to silicone rubber products.

Key Features and Typical Benefits

Good anti-static property

Colorable translucent appearance

Excellent mechanical properties and heat resistance

Excellent processability

Easy coloring

Potential Applications

Mobile jacket, keypad cover, keypad watch

Consumer goods, novelty, accessory

Industry roller, rubber sheet

Automobile parts

General Information		
Features	Antistatic	
	Good Colorability	
	Good Processability	
	Heat Cure	
	High Heat Resistance	
Uses	Automotive Applications	
	Consumer Applications	
	Industrial Applications	
	Rollers	
	Sheet	
Appearance	Translucent	
Processing Method	Compression Molding	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	4.2	%
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	30	
Elastomers	Nominal Value	Unit
Tensile Strength	8.70	MPa
Tensile Elongation (Break)	760	%
Tear Strength	21.0	kN/m
Electrical	Nominal Value	Unit
Volume Resistivity	8.0E+12	ohms · cm
Thermoset	Nominal Value	Unit

Post Cure Time (200°C)	4.0	hr
Additional Information	Nominal Value	Unit
Cure Agent - TC-8	0.35	%
Cure Time (170°C)	10.0	min
Williams Plasticity	150	
Uncured Properties	Nominal Value	Unit
Density	1.09	g/cm ³

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