

# Silplus\* 30 AS

Heat Cured Elastomer

## Description

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

## Typical Physical Properties


TYPICAL UNCURED PROPERTIES		
Appearance		Translucent
Williams plasticity		150
TYPICAL CURED PROPERTIES (Press cure 10 min @ 170 °C, Post cure 4h @ 200 °C)		
TC-8 curing agent	%	0.35
MECHANICAL PROPERTIES		
Density (23 °C)	Mg/m <sup>3</sup>	1.09
Linear shrinkage	%	4.2
Hardness (Type A)		30
Tensile strength	MPa	8.7
Elongation	%	760
Tear strength (Angle)	N/mm	21
ELECTRICAL PROPERTIES		
Volume resistivity	W·cm	8·10 <sup>12</sup>
Half-life time of voltage decay	sec	1.2

STATIC HONESTMETER, 23 °C 50% humidity, Applied voltage: 6kV

Typical properties are average data and are not to be used as or to develop specifications.

## Potential Applications

- Mobile jacket, keypad cover, keypad watch
- Consumer goods, novelty, accessory
- Industry roller, rubber sheet
- Automobile parts

 silplus 30 as electric charge attenuation



## Availability

The material is commercially available in a 20kg box.

## Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the

permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

## Product Safety, Handling and Storage

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## Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

## Contact Information

For product prices, availability, or order placement, contact our customer service at [Momentive.com/CustomerService/](http://Momentive.com/CustomerService/)

For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

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