

Heat Cured Elastomer

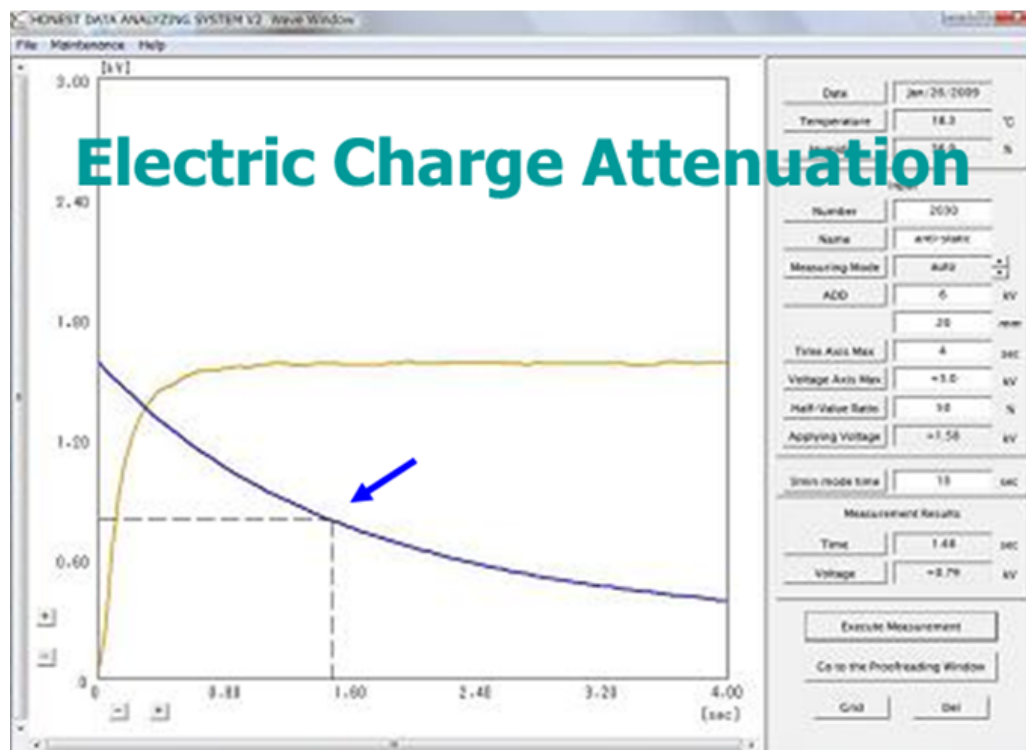
Silplus 30 AS, 30 duro hardness heat cured silicone rubber compound for compression molding processes, offers a good anti-static property to silicone rubber products.

- Good anti-static property
- Colorable translucent appearance
- Excellent mechanical properties and heat resistance
- Excellent processability
- Easy coloring

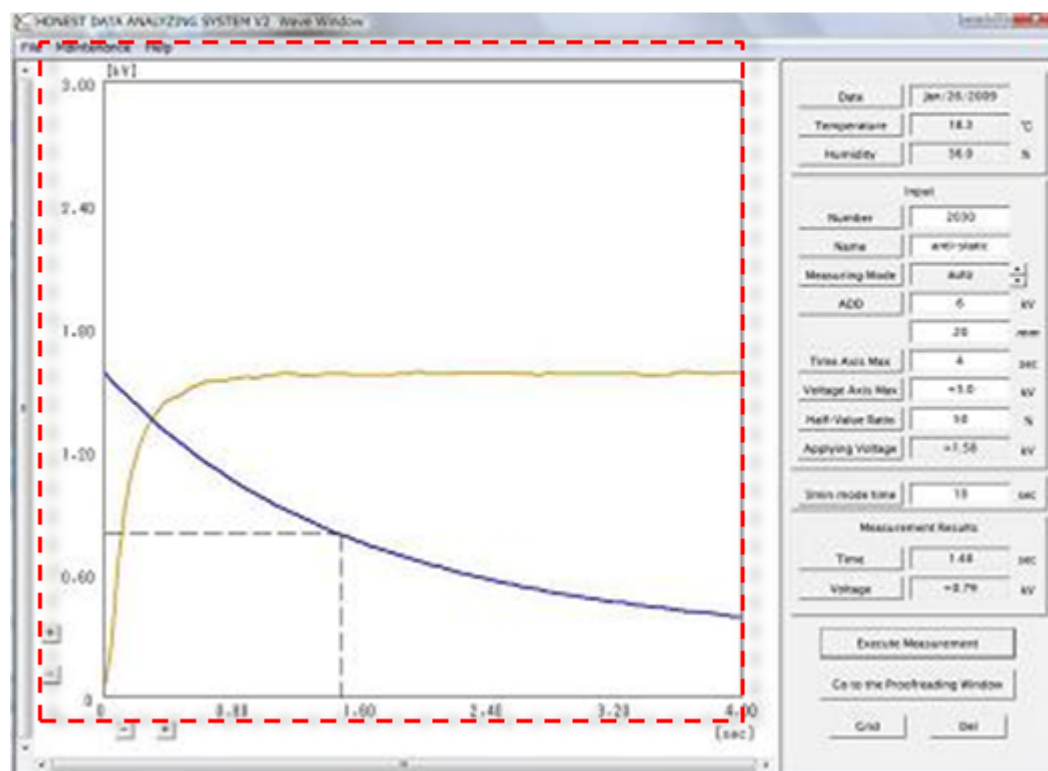
TYPICAL UNCURED PROPERTIES		
Appearance		Translucent
Williams plasticity		150
TYPICAL CURED PROPERTIES (Press cure 10 min @ 170 °C, Post cure 4h @ 200 °C)		
TC-8 curing agent	%	0.35
MECHANICAL PROPERTIES		
Density (23 °C)	Mg/m ³	1.09
Linear shrinkage	%	4.2
Hardness (Type A)		30
Tensile strength	MPa	8.7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



Half-life period of voltage decay



Availability

The material is commercially available in a 20kg box.

Patent Status

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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.

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