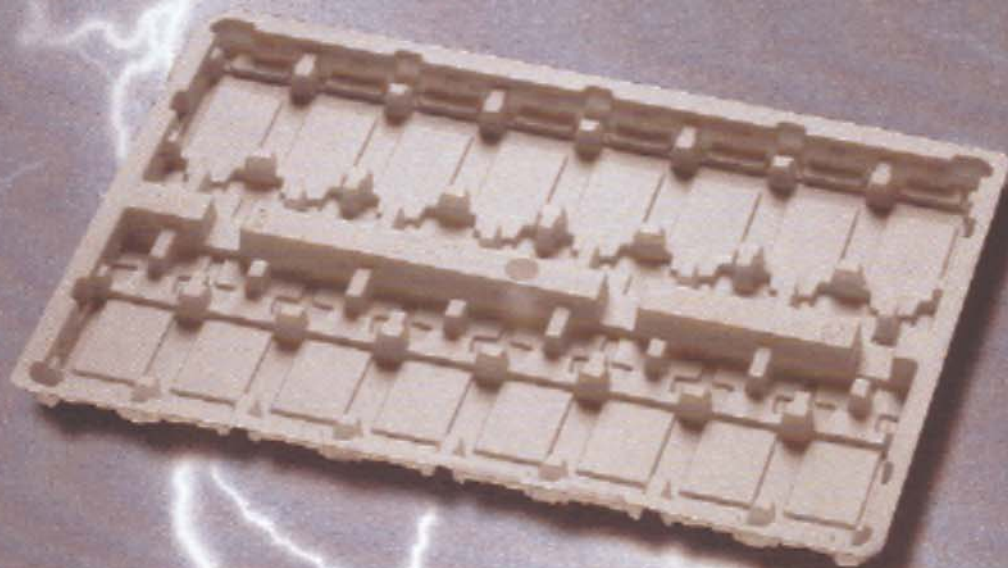


Noveon schafft eine neue Dimension  
im Kampf gegen elektrostatische Entladungen:  
permanent ableitfähig, reinraumtauglich, waschbar.

- nie wieder Russ-Rückstände auf Bauteil und Verpackung
- für Ihre Produkte nur die besten elektrischen Werte
- permanent und unabhängig von Luftfeuchtigkeit
- waschbar und dadurch wieder verwendbar
- Stückkosten vergleichbar mit leitfähigem Polystyrol



Ein innovatives Produkt, das international in der Automobil-,  
Telekommunikations- und Luftfahrtindustrie zum Einsatz kommt.  
Noveon ist weltweit führend in der Produktion und Extrusion  
von permanenten, elektrisch ableitfähigen Polymeren.

Weitere Informationen erhalten Sie bei  
Stat-X Deutschland GmbH

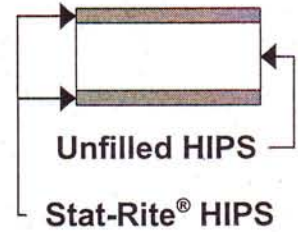
Hr. Christian Hinz  
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Fon 030 4471 9701  
Fax 030 4471 9702

oder im Internet unter [www.stat-rite.com](http://www.stat-rite.com)

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The Specialty Chemicals Innovator™

## Stat-Rite® SIS534



### PRODUCT DESCRIPTION

Stat-Rite® SIS534 sheet utilizes the patented Stat-Rite® inherently dissipative polymer (IDP) alloy system to enhance standard HIPS packaging sheet with a layer of clean, permanent ESD protection. The Stat-Rite® skin will NOT wash off or deteriorate over time. As a result, Stat-Rite® SIS534 will provide reliable ESD protection for years and years.

Properties (typical)	SIS534	Units	Test Method
Host Polymer	High Impact Polystyrene (HIPS)		
Skin Filler	IDP Alloy		
Core Filler	None		
Color	White		
Specific Gravity	1.05	g/cc	ASTM D-792
<b>Electrical properties:</b>			
Surface Resistivity	$5 \times 10^9$	$\Omega$ /square	ASTM D-257 (50% R.H.)
Surface Resistance	$2 \times 10^9$	$\Omega$	ESD S11.11 (12% R.H.)
Bulk Resistance	$> 10^{12}$	$\Omega$	
Static Decay Rate + 5000 V to 50 V	0.02	Seconds	FTMS 101C (12% R.H.)
<b>Mechanical properties:</b>			
Tensile Strength @ Yield	3000 (20.7)	psi (MPa)	ASTM D-638-95
Tensile Elongation, Break	85	%	ASTM D-638-95
Tensile Modulus	200,000 (1380)	psi (MPa)	ASTM D-638-95
Flexural Modulus	200,000 (1380)	psi (MPa)	ASTM D-790-92
HDT @ 66 psi	NA	°F (°C)	ASTM D-648
HDT @ 264 psi	NA		
These are typical values and should not be used for establishing product specifications. Contact Noveon if you need data for this purpose.			

Stat-Rite® SIS534 is available in sheet form only.

### FEATURES

- \* More permanent than anti-stat surfacants
- \* Provides protection for many years
- \* More clean than anti-stats or carbon (not greasy or particulating)
- \* More consistent than anti-stats or coatings
- \* Rigid enough to handle heavy components or assemblies

### APPLICATIONS

- \* Electronic component packaging
- \* Electronic assembly packaging

Properties of all Stat-Rite® polymer products are adversely affected by moisture. Although Stat-Rite® products are dry when packaged, trace amounts of moisture can be absorbed during handling. For best results, always keep this material in unopened factory packaging until use.

Revised: October 7, 2003

Header: Blue

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