

Technical Information

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DPF.SK100 Electrostatic Dissipative Polyester Film with Adhesive Backing (Part No.: 5235.DPF.SK100)

- High tear strength, clear, adhesive backed Polyester film
- Permanent electrostatic dissipative
- Complies with EN 61340-5-1 and ANSI/ESD S20.20-1999
- Humidity independent
- Very low tribocharge generation and excellent electrostatic decay performance
- High clarity, good chemical and abrasion resistance
- Ideal for PCB manufacturing and testing
- Suitable for clean manufacturing applications (retrofitting cleanroom windows etc..)

Typical Physical Properties

Property	Test Method	Units	DPF.SK100 (100 microns)
Mechanical			
Tensile Strength	ASTM D-882A		
MD		PSI	25.000
TD		PSI	35.000
Yield Strength	ASTM D-882A		
MD		PSI	14.000
TD		PSI	14.000
Elongation at Break	ASTM D-882A		
MD		%	200
TD		%	120
Pencil Hardness	ASTM D-3363	Hardness Scale	3H
Optical			
Transmittance - total Visible	ASTM D-1003	%	85
Transmittance - total UV	ASTM D-1003	%	10
Haze	ASTM D-1003	%	7,3
Electrical			
Surface Resistance	EN 61340-5-1 EN 61340-2-3	ohms	$10^6 - 10^8$

MD = Machine Direction

TD = Transversal Direction

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Chemical Resistance ASTM D-543:

The samples were immersed in the specified chemicals for 24 hours at room temperature and then visually examined.

Chemical	Surface Attack	Visual Evaluation
Deionized Water	None	Clear
30% Sulphuric Acid	None	Clear
30% Nitric Acid	None	Clear
30% HCL	None	Clear
Methanol	None	Clear
Ethanol	None	Clear
Isopropyl Alcohol	None	Clear
Acetone	None	Slight Change
Methylene Chloride	None	Clear