

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 coating
- Complies with EN 61340-5-1
- 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..)
- Can be used as transparencies for copies
- Thickness: 0,1mm

Typical Physical Properties

Property	Test Method	Units	DPF.SK100 (100 microns)
Mechanical			
Tensile Strength	ASTM D-882A	PSI	25.000
MD		PSI	35.000
TD	ASTM D-882A	PSI	14.000
Yield Strength		PSI	14.000
MD	ASTM D-882A	%	200
Elongation at Break		%	120
MD	ASTM D-3363	Hardness Scale	3H
TD			
Pencil Hardness			
Optical			
Transmittance - total Visible	ASTM D-1003	%	85
Transmittance - total UV	ASTM D-1003	%	10
Haze	ASTM D-1003	%	7,3

MD = Machine Direction

TD = Transversal Direction

Electrical properties:

	Test standard	Typical value	Requirements
Surface resistance R_s	EN 61340-2-3	$10^6 - 10^8 \Omega$	$1 \times 10^4 \leq R_p \leq 1 \times 10^{10} \Omega$ EN 61340-5-1
Point to point resistance R_p			

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