



Mylar®

polyester film

Mylar® AS

Mylar® AS is a clear polyester film base with two sides antistatic coating for montage applications. This grade is available in 100, 125 and 175 micron thickness.

TYPICAL VALUES OF PROPERTIES

Property	Test Method	Unit	Value		
General			100µm	125µm	175µm
Area Yield	---	m ² /kg	7.1	5.7	4.0
Relative density (at 23°C)	ASTM D1505-79 (Modified to Melinex test method)		1.4		
Surface resistivity	ASTM D 257-83 (500 V dc at 20°C and 70% rh)	ohm/	1x10 ¹¹		
Mechanical			MD*	TD**	
Tensile strength at break	ASTM D 882-83 (125µm film 23°C at 50% r.h. Strain rate 50% min)	kgf/mm ²	17.5	17.5	
Slip (coefficient of static friction)	ASTM D1894-78 (modified to Melinex method 125µm film)		0.5		
Optical			100m	175µm	
Haze	ASTM D 1003-77 (Measured on Gardner Hazemeter)	%	<1.5	<3	
Total luminous transmission (TLT)	ASTM D 1003 - 77 (Measured on Gardner Hazemeter)		88	87.8	
Thermal					
Upper Melt Temperature	ASTM E 794-85	°C	255 - 260		
Shrinkage (after 5 min at 190°C)		%	1 (MD) 1 (TD)		

1mm = 1 micron = 0.001 mm approx.4 gauge, *MD = Machine Direction, ** TD = Transverse Direction

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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Teijin Films Medical Caution Statement", H-50102-DTF.

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