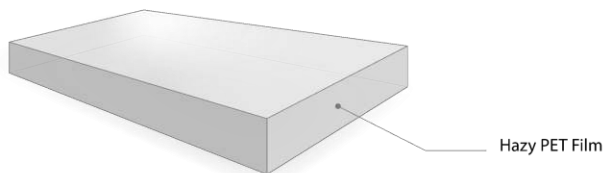


Product Description:

Melinex® S is a versatile, untreated polyester film with a naturally hazy finish and strong mechanical performance, making it a reliable choice for a wide range of industrial applications.

Key Features:

- Excellent handling performance during processing and conversion
- Well suited to a broad variety of industrial uses
- Available in both reels and sheets



Storage

Recommended storage conditions: 10°C – 25°C; 20% – 50% RH
Shelf Life: 12 months from delivery date (under recommended storage conditions)

TYPICAL VALUES				MD = Machine Direction, TD = Transverse Direction							
Property	Test method	Unit	Direction	Typical values							
Film thickness	-	micron		12	19	23	36	50	75	100	125
Film yield	-	m ² /Kg		59.6	47.6	31.3	19.9	14.3	9.53	7.15	5.72
Unit weight	-	g/m ²		17	27	32	50	70	105	140	175
Density	ASTM D1505	g/cc		1.4							
Haze	ASTM D1003	%		3	5	6	8.5	11	16	18	20
Tensile strength at break (minimum)	ASTM D882-83	Kgf/mm ²	MD	21	21	21	21	21	21	21	21
			TD	27	27	27	27	27	27	27	25
Elongation at break	ASTM D882	%	MD	125							
			TD	80							
Breakdown voltage	ASTM D149-81 (7mm electrodes in dry air at 25°C)	Kv		4.8	6.1	4	5.5	7	10	11.8	13.5
Surface resistivity	ASTM D257-83 (500vDC @ 25°C/54%RH)	Ohms/sq		10 ¹³							
Volume resistivity	ASTM D257-83 (100vDC @ 25°C & 1000s)	Ohm m		10 ¹⁵							
Upper melt temperature	ASTM E794-85	°C		245 to 255							
Coefficient of thermal expansion (between 20 and 50°C)	-	ppm/k	MD	35							
			TD	28							

HiFi Polyester Film Is Your Trusted Expert In Polyester Film Solutions

- Expert advice.
- Premium PET films.
- Europe's leading converter & distributor.



Wide range of PET Films



Custom Converting
Reels & Sheets



Short Lead Times

Specialist Facility for Advanced Polyester Film Conversion and Heat Stabilisation



✓ Polyester film slitting



✓ Clean room conversion



✓ Polyester film wholesale



✓ Polyester film sheeting



✓ Thermal polyester stabilisation



✓ Custom converting

Expert Technical Support to Help You Find the Right Polyester (PET) Film Solution

Our in-house specialists provide guidance on material selection, ensuring you get the best polyester film for your specific application and performance requirements.

Contact us for expert help



HiFi Polyester Film UK

UK & Rest of World

Stevenage, United Kingdom
+44 (0) 1438 314 354
sales@hififilm.com



HiFi Polyester Film Netherland

Northern Europe

Zwaag Netherlands
+31 (0) 229 272 282
nlsales@hififilm.com



HiFi Polyester Film France

Southern Europe

BRUSSIEU, France
+33 (0) 437 226 098
lyonsales@hififilm.com



HiFi Polyester Film Ireland

Ireland

Ranelagh, Dublin
+353 (0) 87 257 3698
ray.faughnan@hififilm.com



www.hifipolyesterfilm.com

