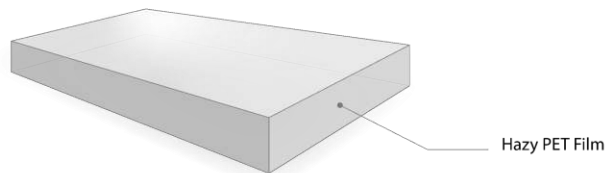


Product Description:

Melinex® 800 is a high-gloss, clear BOPET polyester film with low haze and excellent converting performance. As a non-pretreated base film, it is designed for applications requiring optical clarity, stiffness and consistent processing behaviour.

Key Features:

- Excellent handling characteristics
- Can be used for a wide range of industrial applications
- 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
Film yield	-	m ² /Kg		59	37	31
Unit weight	-	g/m ²		17	27	32
Density	ASTM D1505	g/cc			1.4	
Haze	ASTM D1003-52	%		3.0	5.0	6.0
Total light transmittance (max)	ASTM D1003-77 (Gardner hazemeter)	%		87.9	87.8	87.7
Tensile strength at break (min)	ASTM D882-83	Kgf/mm ²	MD		20	
			TD		26	
Elongation at break	ASTM D882-83	%	MD		125	
			TD		80	
Upper melt temperature	ASTM E794-85	°C			248	
Co-efficient of static friction (slip)	ASTM D1894-78	-			< 0.5	
Coefficient of thermal expansion (between 20 and 50°C)	-	cm/cm/°C	MD		35 x 10 ⁻⁶	
			TD		28 x 10 ⁻⁶	
Shrinkage	5 mins @ 190°C	%	MD		3.0	
			TD		1.0	

Melinex® 800 complies with European regulation EU10/2011 and its amendment 1282/2011 relating to materials and articles intended to come into contact with food.



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

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