PMX739

Ultra Clear PET Film

TECHNICAL DATA SHEET

Surface Treatment:

Untreated | Untreated

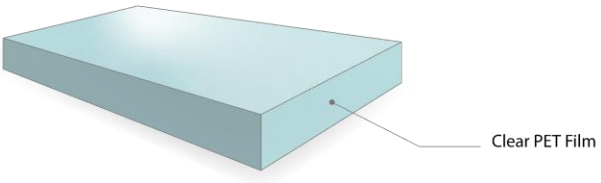
Available Thickness µ: 175 / 250

Product Description:

PMX739 is a crystal clear polyester film offering outstanding optical qualities over handing properties.
PMX739 is generally used for applications that emphasise clearness and transparency.

Key Features:

- Outstanding optical performances
- Good dimensional stability and flatness



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		175	250
Film yield	-	m^2/Kg		4.08	2.8
Unit weight	-	g/m^2		245	357
Density	ASTM D1505	g/cc		1.39	
Haze	ASTM D1003	%		0.8	1.5
Total light transmittance (max)	ASTM D1003-77 (Gardner hazemeter)	%		89.6	88.5
Tensile strength at break (minimum)	ASTM D882-83	Kgf/mm2	MD	17.5	
			TD	17.5	
Elongation at break	ASTM D882-83	%	MD	125	
			TD	80	
Dielectric strength	ASTM D149-81 (7mm electrodes in dry air at 25°C)	Kv/mm		105	
Surface resistivity	ASTM D257-83 (500vDC @ 25°C/54%RH)	Ohms/sq		>1013	
Volume resistivity	ASTM D257-83 (100vDC @ 25°C & 1000s)	Ohm m		1015	
Upper melt temperature	ASTM E794-85	°C		255 to 260	
Coefficient of thermal expansion (between 20 and 50°C)	-	cm/cm/°C	MD	19 x 10-6	
			TD	16 x 10-6	

The information above is given in good faith and should be considered as a guide and not a specification.
Claims cannot be accepted on film rejected more than six months after date of delivery.

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Polyester film slitting



Clean room conversion



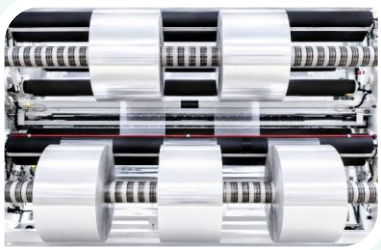
Polyester film wholesale



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

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