

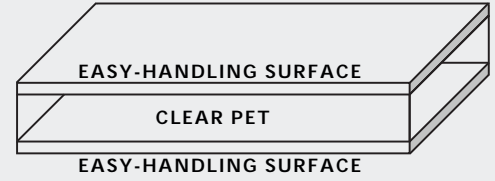
PRODUCT DESCRIPTION

PMX727 is a very clear, untreated, extremely flat polyester film with modified surfaces to enable good sheet feeding and processability.

KEY FEATURES

- » Good machinability due to micro-roughness on both sides
- » High dimensional stability and excellent flatness
- » High clarity to visual light and UV
- » Available in a wide range of thicknesses in both reels and sheets

STRUCTURE



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	TYPICAL VALUES						
Film thickness	-	micron	36	50	75	100	125	175	
Film yield	-	m ² /Kg	19.8	14.3	10.1	7.4	5.7	4.1	
Unit weight	-	g/m ²	50	70	99	134	175	245	
Density	ASTM D1505	g/cc	1.4						
Haze	ASTM D1003	%	1.2			1.5		2.0	
Surface roughness (Rz)	DIN 4768	nm	-	200	170		150		
Tensile strength at break (minimum)	ASTM D882-80	Kgf/mm ²	MD	20.5				21.5	
			TD	20.5				21.5	
Elongation at break	ASTM D882-80	%	MD	145	150	145		150	
			TD	145	150	145		150	
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					