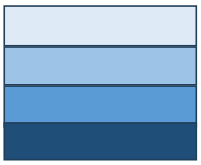
MATTEM PET M 2 10

Technical Data Sheet

Biaxially oriented, coextruded and chemically pre-treated 3-layer PET film, which is characterized by different topographies on the surfaces. One side is metallized with a matte appearance, the other side is chemically treated for improved printability. Applications: Packaging films, Labels.



Properties / Propiedades		Unit	Test Method	PET M 2 10
GENERAL				
Thickness / Espesor		my	Internal / Interno	12 ± 1
Grammage / Gramaje		kg/m²	ASTM D 1505	0,0167
Yield / Rendimiento		m^2/ kg	Internal / Interno	59,74
Material type / Tipo material				Recyclable Material; 0% Recicled
PHYSICAL / PROPIEDADES FISICAS				
Coefficient of friction / Coeficiente de fricción		Static	DIN53375 or ASTM D 1894	0,40
Wetting Tension/ Tensión Superficial	Matte side / Lado mate	Dyne/cm	ASTM D 2578	38
	Printable side / Lado			36
MECHANICAL / PROPIEDADES MECANICAS				
Tensile strength / Resistencia a la tracción	MD	N/mm²	ISO 527-1 and ISO 527-3 Sample type 2 (Test speed 100%/min;23ºC,50 %r.h.)	210
	TD			240
Elongation / Elongación	MD	%		130
	TD			100
OPTICAL / PROPIEDADES OPTICAS				
Optical density / Densidad óptica			Macbeth TD 904 (Red filters)	2.2
THERMAL / PROPIEDADES TERMICAS				
Heat Shrinkage / Contracción por calor (15 min. 150 ºC)	MD	%	DIN 40634	1.6
	TD			0.4

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Other thicknesses can be available under demand.

Recommendations: Warehouse temperature should preferably be less than 30ºC & humidity 55±5% in storage areas.

Material should be consumed within six months of receipt. GFE guarantee same period but only for material returned in correct conditions.

Material should be kept in their original wrapping until the material is loaded on machine and it is recommended to conditionate material minimum 24 hours before lamination.

Storage atmosphere should be dust free to avoid any contamination while lamination.

The above figures and properties refer to average values of laboratory test on samples of manufacturer standard production. The above information is only infromational purposes and is not binding. It is understood that this entails no obligation or responsibility on our part. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a (end) product specification. This information can have variations without notice.

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