

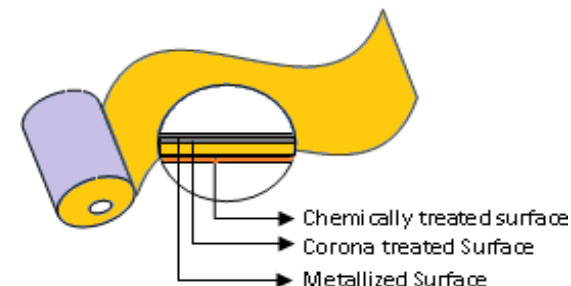
PET Polyester Film

TECHNICAL DATA SHEET

PET - AOCLCM (AOCLCM-Metal On Corona Side Wound Inside And Other Side Chemically Treated Surface)

This product is golden yellow metalized film, metallized on corona surface and other side chemical treated. This film has excellent optical properties – Color Shade and Gloss. The film shows good thermal, mechanical and surface properties along with excellent dimensional stability and process ability. This grade film is complies with US FDA, EC and REACH regulations for food contact application.

Key features: Suitable for printing and lamination. Specially designed for survival blanket, paper, board lamination and other industrial applications.



Product properties:

Property		Test Method	Unit	Typical Value	
Physical	Thickness	Internal	μ	12	
			gauge	48	
	Yield	Internal	m2/kg	59.5	
			ft2/lb	291	
Mechanical	Tensile Strength	ASTM D-882	Kg/cm2	MD	2000
				TD	2100
		ASTM D-882	lb/in2	MD	28500
				TD	30000
	Elongation	ASTM D-882	%	MD	100
				TD	90
Surface	Co-efficient of friction (Std. Vs Functional)	ASTM D-1894	-	St	0.70
				Dy	0.60
	Wetting tension	ASTM D-2578	Dyne/cm	Metallized surface	56
				Chemical treated surface	44
Optical	Optical Density	Internal	%	2.2	
Thermal	Shrinkage @ 150 C and 30 minutes	ASTM D-1204	%	MD	2.0
				TD	0.0
Barrier	MVTR (37.8°C @ 90% RH)	ASTM F-1249	gm/m2/24hr	0.8	
			gm/100in2/24hr	0.04	
	OTR (23°C @ 0% RH)	ASTM D - 3985	cc/m2/24hr	1.00	
			cc/100in2/24hr	0.06	

MD- Machine Direction; TD- Transverse Direction

The information contained herein is to be used only as a guideline for using PET film. The specifications and characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment by their own for its suitability to their end use. Ester Industries Ltd does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.