

UmaPET CL

Polyethylene Terephthalate

Ester Industries Ltd.

Message:

KEY FEATURES

UmaPET CL is a non -treated golden yellow colour film

The film possesses good thermal, mechanical and surface properties along with excellent processability

APPLICATIONS

The film is widely used for survival blanket application after Metallising.

This film is suitable for flexible packaging and Metallising applications for various packaging and decorative end use applications.

General Information			
Features	Good Processability Good Surface Finish Metallizable		
Uses	Decorative Parts Film Packaging		
Appearance	Yellow		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			ASTM D1204
Flow : 150°C, 30 min, 0.0120 mm	2.0	%	
Across Flow : 150°C, 30 min, 0.0120 mm	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ¹			ASTM D1894
vs. Itself - Dynamic	0.45		
vs. Itself - Static	0.50		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	12	µm	
Film Thickness - Recommended / Available	12 µm		
Tensile Strength			ASTM D882
MD : Break, 12 µm	186	MPa	
TD : Break, 12 µm	196	MPa	
Tensile Elongation			ASTM D882
MD : Break, 12 µm	100	%	
TD : Break, 12 µm	90	%	
Yield (12.0 µm)	59.5	m ² /kg	Internal Method
Wetting Tension - Plain side (12.0 µm)	44	dyne/cm	ASTM D2578
Optical	Nominal Value	Unit	Test Method

Haze (12.0 μm)	3.0	%	ASTM D1003
NOTE			
1.	12 μm		

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