

UmaPET MOMH

Polyethylene Terephthalate

Ester Industries Ltd.

Message:

KEY FEATURES

UmaPET MOMH is high barrier film metallized on standard surface and other side matte with silver finish. It exhibits high barrier properties along with good metal to film bond strength/adhesion.

It has superior mechanical properties, flex crack resistance.

It shows silver finish from matte side as aluminium foil appearance.

APPLICATIONS

UmaPET MOMH is used as high barrier layer in flexible packaging applications which require high barrier and aluminium foil like appearance in laminates.

Typical usage as barrier layer in laminates for confectionary, snacks, instant drink powder, milk powder, tea, coffee etc.

General Information			
Features	Barrier Resin		
	Bondability		
	Good Adhesion		
	Good Crack Resistance		
	Metallizable		
Uses	Film		
	Laminates		
	Packaging		
Appearance	Matte Finish		
	Silver		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			ASTM D1204
Flow : 150°C, 30 min, 0.0120 mm	2.5	%	
Across Flow : 150°C, 30 min, 0.0120 mm	0.40	%	
Surface Tension - Metallized side (12.0 µm)	56	mN/m	ASTM D2578
Yield (12.0 µm)	59.5	m ² /kg	Internal Method
Optical Density (12.0 µm)	-2.5 to 7.5	%	Internal Method
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	196	MPa	
TD : Break, 12 µm	206	MPa	
Tensile Elongation			ASTM D882

MD : Break, 12 μm	90	%	
TD : Break, 12 μm	90	%	
Oxygen Permeability ¹ (23°C, 12 μm)	< 0.800	$\text{cm}^3/\text{m}^2/24 \text{ hr}$	ASTM D3985
Water Vapor Transmission ²	< 0.50	$\text{g}/\text{m}^2/24 \text{ hr}$	ASTM F1249
NOTE			
1.	0%RH		
2.	37.8°C, 90%RH, 12 μm		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT