TAISOX 2414

Linear Low Density Polyethylene

Formosa Plastics Corporation

Message:

TAISOX 2414 is a linear low density polyethylene material. This product is available in North America, Europe or Asia Pacific. The processing method is: blow molding film or co-extrusion molding. The main features of TAISOX 2414 are: Antiblock software slide Good sealing performance beautiful Typical application areas include: Movie Sealing applications additive/masterbatch

application of coating

General Information				
Additive	High smoothness			
	High caking resistance			
Features	Low density			
	Low speed solidification crystal point			
	High smoothness			
	High caking resistance			
	Optical			
	Good heat sealability			
Uses	Films			
	Laminate			
	Mixing			
	Seals			
Forms	Particle			
Processing Method	Blow film			
	Co-extrusion molding			
Physical	Nominal Value	Unit	Test Method	
Density	0.924	g/cm³	ASTM D1505	
Melt Mass-Flow Rate (MFR) (190°C/2.16				
kg)	1.0	g/10 min	ASTM D1238	
Films	Nominal Value	Unit	Test Method	
Film Thickness - Tested	38	μm		
secant modulus			ASTM D882	

1% secant, MD: 38 μm , blown film	265	MPa	ASTM D882
1% secant, TD: 38 µm, blown film	343	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 38 µm, blown film	12.7	MPa	ASTM D882
TD: Yield, 38 µm, blown film	13.7	MPa	ASTM D882
MD: Broken, 38 µm, blown film	41.2	MPa	ASTM D882
TD: Broken, 38 μm, blown film	32.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 38 µm, blown film	580	%	ASTM D882
TD: Broken, 38 µm, blown film	760	%	ASTM D882
Dart Drop Impact (38 µm, Blown Film)	180	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 38 µm, blown film	210	g	ASTM D1922
TD: 38 µm, blown film	870	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	95.0	°C	ASTM D1525
Melting Temperature	123	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.0 µm, Blown Film)	35		ASTM D2457
Clarity	45.0		ASTM D1746
Haze (38.0 µm, Blown Film)	25	%	ASTM D1003
Additional Information			

Blow Up Ratio: 2

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