

TAISOX 2410

Linear Low Density Polyethylene
Formosa Plastics Corporation

Message:

TAISOX 2410 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 2410 are:

Antiblock software
Good sealing performance
beautiful
Typical application areas include:
Movie
Sealing applications
additive/masterbatch
application of coating

General Information	
Additive	Moderate caking resistance
Features	Low density
	Low speed solidification crystal point
	Optical
	Good heat sealability
	Moderate caking resistance
Uses	Films
	Laminate
	Mixing
	Seals
Forms	Particle
Processing Method	Blow film
	Co-extrusion molding

Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	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	50.0		ASTM D1746
Haze (38.0 µm, Blown Film)	23	%	ASTM D1003
Additional Information			
Blow Up Ratio: 2			

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