TAISOX 3210

Linear Low Density Polyethylene

Formosa Plastics Corporation

Message:

TAISOX 3210 is a linear low density polyethylene material. This product is available in North America, Europe or Asia Pacific region. The processing method is blow molded film.
The main features of TAISOX 3210 are:
high strength
Antioxidants
Good sealing performance
Puncture resistance
Typical application areas include:
bag/lining
Wrapping
Movie
Agriculture

General Information			
Additive	Antioxidation		
Features	Low density High tensile strength Perforation resistance Antioxidation Good stripping Good heat sealability		
Uses	Films Lining Bags Stretch winding Agricultural application		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.920	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	142	MPa	ASTM D882
1% secant, TD: 38 µm, blown film	157	MPa	ASTM D882
Tensile Strength			ASTM D882

MD: Yield, 38 µm, blown film	9.81	MPa	ASTM D882
TD: Yield, 38 µm, blown film	10.8	MPa	ASTM D882
MD: Broken, 38 µm, blown film	40.2	MPa	ASTM D882
TD: Broken, 38 µm, blown film	31.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 38 µm, blown film	620	%	ASTM D882
TD: Broken, 38 µm, blown film	840	%	ASTM D882
Dart Drop Impact (38 µm, Blown Film)	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 38 µm, blown film	220	g	ASTM D1922
TD: 38 µm, blown film	560	g	ASTM D1922
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	93.0	°C	ASTM D1525
Melting Temperature	122	°C	
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°, 38.0 µm, Blown Film)	43		ASTM D2457
Clarity	67.0		ASTM D1746
Haze (38.0 µm, Blown Film)	13	%	ASTM D1003
Additional Information			

Blow Up Ratio: 2

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

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