

TAISOX 3224

Linear Low Density Polyethylene

Formosa Chemicals & Fibre Corporation



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Technical Data

General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• Formosa Chemicals & Fibre Corporation		
Availability	• Asia Pacific		
Additive	• Medium Antiblock	• Medium Slip	
Features	• Good Drawdown • Good Heat Seal	• Low Density • Medium Antiblocking	• Medium Slip
Uses	• Film	• Stretch Wrap	
Forms	• Pellets		
Processing Method	• Blown Film		

Physical	Nominal Value Unit	Test Method
Density	0.920 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0 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	147 MPa	
1% Secant, TD: 38 µm, Blown Film	206 MPa	
Tensile Strength		ASTM D882
MD: Yield, 38 µm, Blown Film	9.81 MPa	
TD: Yield, 38 µm, Blown Film	10.8 MPa	
MD: Break, 38 µm, Blown Film	35.3 MPa	
TD: Break, 38 µm, Blown Film	27.5 MPa	
Tensile Elongation		ASTM D882
MD: Break, 38 µm, Blown Film	600 %	
TD: Break, 38 µm, Blown Film	800 %	
Dart Drop Impact (38 µm, Blown Film)	120 g	ASTM D1709
Elmendorf Tear Strength		ASTM D1922
MD: 38 µm, Blown Film	61 g	
TD: 38 µm, Blown Film	650 g	

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)	47	ASTM D2457
Clarity	53.0	ASTM D1746
Haze (38.0 µm, Blown Film)	24 %	ASTM D1003

Additional Information

Blow Up Ratio: 2

Notes

¹ Typical properties: these are not to be construed as specifications.

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Formosa Chemicals & Fibre Corporation

Where to Buy

Supplier

Formosa Chemicals & Fibre Corporation

Zhanghua City, Taiwan

Telephone: 886-22712-2211

Web: <http://www.fcfc.com.tw/>

Distributor

Please contact the supplier to find a distributor for TAISOX 3224



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