Borealis Himod™ FT7324 . LDPE for Film

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Himod FT7324 is a tubular, low-density polyethylene grade for the production of packaging films. Compared to standard LDPE grades, the Himod products provide a combination of higher stiffness and improved optical properties. Benefits can be obtained in terms of better down gauging possibilities and improved processability. Excellent printing quality is obtained due to high clarity and better layout.Himod FT7324 is intended for applications like: hygiene over-wrap films and co-extrusion applications.Information provided by the Manufacturer.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Borealis-Himod-FT7324-LDPE-for-Film.php

Physical Properties	Metric	English	Comments
Density	0.932 g/cc	0.0337 lb/in³	ISO 1183
Thickness	40.0 microns	1.57 mil	
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133
Antiblock Level	550 ppm	550 ppm	Additive - Synthetic Silica
Slip Level	750 ppm	750 ppm	Additive - Erucamide

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ISO 527-3
Film Elongation at Break, TD	500 %	500 %	ISO 527-3
Secant Modulus, MD	0.310 GPa	45.0 ksi	ASTM D882-A
Secant Modulus, TD	0.360 GPa	52.2 ksi	ASTM D882-A
Impact	26	26	Puncture Resistance, force (N); ASTM D5748
Puncture Energy	0.300 J	0.221 ft-lb	ASTM D5748
Coefficient of Friction, Dynamic	0.20	0.20	ISO 8295
Tear Strength, Total	2.50 N	0.562 lb (f)	TD; ISO 6383/2
	4.00 N	0.899 lb (f)	MD; ISO 6383/2
Dart Drop	2.00 g/micron	50.8 g/mil	ISO 7765/1
Film Tensile Strength at Break, MD	20.0 MPa	2900 psi	ISO 527-3
Film Tensile Strength at Break, TD	15.0 MPa	2180 psi	ISO 527-3

Mechanical Properties	Metric	English	Comments

Thermal Properties	Metric	English	Comments
Melting Point	118 °C	244 °F	ISO 11357/03
Vicat Softening Point	107 °C	225 °F	A (10N); ISO 306

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China