Lotrène® LDPE FD0374

Low Density Polyethylene **QAPCO**

Technical Data

Product Description

Lotrène® LDPE FD0374 is a Low Density Polyethylene product. It can be processed by blown film, cast film, or film extrusion and is available in Africa & Middle East or Europe. Applications of Lotrène® LDPE FD0374 include bags/liners, film, food contact applications and packaging.

Characteristics include:

- REACH Compliant
- Antiblock
- Clarity
- Food Contact Acceptable
- Good Processability

General

Material Status	 Commercial: Active 		
Literature ¹	 Technical Datasheet (English 	n)	
Availability	 Africa & Middle East 	Europe	
Additive	 Antiblock 	• Slip	
Features	AntiblockingFood Contact AcceptableGood Drawdown	Good ProcessabilityHigh ClarityHigh Gloss	• Slip
Uses	• Bags	• Film	 Packaging
Agency Ratings	• EC 1907/2006 (REACH)	• FDA 21 CFR 177.1520	
Appearance	 Clear/Transparent 		
Forms	 Pellets 		
Processing Method	Blown Film	Cast Film	 Film Extrusion

Extrusion	Nominal Value (English)	Nominal Value (SI)	
Haze (1.97 mil (50.0 μm))	6.5 %	6.5 %	ASTM D1003
Clarity (1.97 mil (50.0 µm))	85.0	85.0	ASTM D1746
Gloss (45°, 1.97 mil (50.0 μm))	75	75	ASTM D2457
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Peak Crystallization Temperature (DSC)	228 °F	109 °C	ASTM E794
Vicat Softening Temperature	199 °F	93.0 °C	ASTM D1525
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Dart Drop Impact ³ (2.0 mil (50 µm))	100 g	100 g	ASTM D1709B
TD : Break, 2.0 mil (50 μm)	550 %	550 %	
MD : Break, 2.0 mil (50 µm)	450 %	450 %	
Tensile Elongation			ASTM D882
TD : Break, 2.0 mil (50 μm)	3050 psi	21.0 MPa	
MD : Break, 2.0 mil (50 μm)	2760 psi	19.0 MPa	
TD : Yield, 2.0 mil (50 µm)	1450 psi	10.0 MPa	
MD : Yield, 2.0 mil (50 μm)	1740 psi	12.0 MPa	
Tensile Strength		·	ASTM D882
Film Thickness - Recommended / Available	20 to 100µm	20 to 100µm	
Film Thickness - Tested	2.0 mil	50 µm	
Films	Nominal Value (English)	Nominal Value (SI)	Test Method
Coefficient of Friction	0.090	0.090	ASTM D1894
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5 g/10 min	3.5 g/10 min	ASTM D1238
Density	0.923 g/cm ³	0.923 g/cm ³	ASTM D1505
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method

Extrusion	Nominal Value (English)	Nominal Value (SI)	
Melt Temperature	284 to 302 °F	140 to 150 °C	

1 of 3

Մ

UL and the UL logo are trademarks of UL LLC © 2018. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com. Form No. TDS-53423-en Document Created: Tuesday, April 3, 2018 Added to Prospector: June 2001 Last Updated: 12/20/2012

PROSPECTOR®

www.ulprospector.com

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content.

Lotrène® LDPE FD0374

Low Density Polyethylene **QAPCO**



Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ F50



2 of 3

UL and the UL logo are trademarks of UL LLC © 2018. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content. Form No. TDS-53423-en Document Created: Tuesday, April 3, 2018 Added to Prospector: June 2001 Last Updated: 12/20/2012

Lotrène® LDPE FD0374

Low Density Polyethylene **QAPCO**

Where to Buy

Supplier

QAPCO Doha, Qatar Telephone: +974-4321105 Web: http://www.qapco.com/

Distributor

GAZECHIM PLASTIQUES GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country. Telephone: +33-4-67-49-55-37

Web: http://www.gazechim.com/ Availability: United Kingdom

3 of 3



The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content. Form No. TDS-53423-en Document Created: Tuesday, April 3, 2018 Added to Prospector: June 2001 Last Updated: 12/20/2012

