Lotrène® LDPE FD0274

Low Density Polyethylene

QAPCO

Message:

Lotrène® LDPE FD0274 is a Low Density Polyethylene product. It can be processed by blown film or film extrusion and is available in Africa & Middle East or Europe. Applications of Lotrène® LDPE FD0274 include coating applications, film, food contact applications and packaging.
Characteristics include:
REACH Compliant
Antiblock
Clarity
Food Contact Acceptable
Good Dimensional Stability

General Information	
Additive	Antiblock Slip
Features	Antiblocking Food Contact Acceptable Good Dimensional Stability High Clarity High Gloss Slip
Uses	Film Food Packaging Laminates
Agency Ratings	EC 1907/2006 (REACH) FDA 21 CFR 177.1520
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Blown Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.4	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Coefficient of Friction	0.10		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**

Film Thickness - Tested	50	µm	
Film Thickness - Recommended / Available	25 to 100µm		
Tensile Strength			ASTM D882
MD : Yield,50 µm	14.0	MPa	
TD : Yield,50 µm	11.0	MPa	
MD : Break, 50 µm	22.0	MPa	
TD : Break, 50 µm	21.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 50 µm	470	%	
TD : Break, 50 µm	570	%	
Dart Drop Impact [1] (50 µm)	110	g	ASTM D1709B
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ASTM D1525
Peak Crystallization Temperature (DSC)	111	°C	ASTM E794
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm)	75		ASTM D2457
Clarity (50.0 µm)	85.0		ASTM D1746
Haze (50.0 µm)	6.5	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	140 to 150	°C	
NOTE			
1.	F50		

Recommended distributors for this material

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