

Total Finathene® LL 4010 FE 18 LLDPE film (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Blow Molding Grade

Material Notes:

Linear low density polyethylene made by gas phase process for blown film applications. Advised temperature profile: 190 to 220°C. Information provided provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finathene-LL-4010-FE-18-LLDPE-film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	on fluff; ISO 1183
Thickness	25.0 microns	0.984 mil	
Melt Flow	1.0 g/10 min @Load 2.16 kg	1.0 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.0 MPa	1600 psi	ISO 527
Film Tensile Strength at Yield, TD	11.0 MPa	1600 psi	ISO 527
Film Elongation at Break, MD	600 %	600 %	ISO 527
Film Elongation at Break, TD	750 %	750 %	ISO 527
Secant Modulus, MD	0.160 GPa	23.2 ksi	ISO 5527
Secant Modulus, TD	0.170 GPa	24.7 ksi	ISO 5527
Dart Drop Test	90.0 g	0.198 lb	25µ; ISO 7765-1
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ISO 527
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	122 °C	252 °F	ISO 11357-3

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	25µ; ASTM D 1003

Descriptive Properties	Value	Comments
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Descriptive Properties

Value This material conforms to both European and American Food contact regulations.

Comments

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