

Product Data Sheet: LDPE: LD-2420F3

Linear Low Density PE	Film	
LLDPE: LD-2420F3	Density: 0.9235±0.0015	MFI: 0.275±0.075
Feature: • Good flexibility • Good toughness	Application: • Heavy duty bags • Heavy duty shrink films • Peat and turf packaging • Agricultural films • Irrigation pipes • Top layer	Additive: • Natural color

* **Material properties** (this data are typical values and shall not be construed as product specifications.)

Resin Properties	Unit	Condition	Typical Value	Test Method
Melt Flow Rate (MFR)	gr/10min	190 °C/2.16 Kg	0.275±0.075	ISO 1133
Density	gr/cm ³	23 °C	0.9235±0.0015	ISO 1183
Melting point	°C	-	111	ISO 3146
VICAT	°C	-	97	ISO 306
Tensile Modulus	Mpa	-	240	ISO 527
Tensile Strength @ Yield	Mpa	MD	24.5±2.5	ISO 527
Tensile Strength @ Yield	Mpa	TD	19±1	ISO 527
Stress at Yield	Mpa	-	10	ISO 527
Ball Indentation Hardness H 49/30	Mpa	-	17	ISO 2039-1
Shore D Hardness	-	-	48	ISO 868
Elongation @ Break	%	MD	200	ISO 527
Elongation @ Break	%	TD	600	ISO 527
Dart Drop Impact	gr	-	>250	ASTM D 1709
Dart Drop Impact	J/mm	-	6.5	DIN 53373
Failure Energy	%	-	70	ISO 8295
coefficient of friction	%	-	≤11	ASTM D 1003
HAZE	-	20 °C	>15	ASTM D 2457
Gloss	-	60 °C	>50	ASTM D 2457

* Guaranteed items: MFR & Density.

* The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

* It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers' particular purposes. The customer is responsible for the appropriate, safe & legal use, processing and handling of all product(s) purchased from us.

* Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particularly, warranty of merchantability or fitness for a particular purpose.