

Product Data Sheet: BG-LD 2420E02

Linear Low Density PE	Film	
LLDPE: BG-LD 2420E02	Density: 0.9235±0.0015	MFI: 1.95±0.25
Feature: • Good optical properties	Application: • Food packaging FPS films and bags • Lamination films • Fine shrink films • Functional layer in cast films	Additive: • No additive

* **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	1.95±0.25	ISO 1133
Density	g/cm3	23 °C	0.9235±0.0015	ISO 1183
Melting point	°C	-	111	ISO 3146
Vicat	°C	-	94	ISO 306
Dart Drop Impact	g	-	>110	ASTM D 1709
Haze	%	-	≤ 6.5	ASTM D 1003
Gloss	-	20 °C	>50	ASTM D 2457
	-	60 °C	>100	ASTM D 2457
Tensile Modulus	Mpa	-	260	ISO 527
Stress @ Yield	Mpa	-	11	ISO 527
Tensile Strength	Mpa	TD	16.5±1.5	ISO 527
	Mpa	MD	23±3	ISO 527
Elongation@Break	%	MD	250	ISO 527
	%	TD	600	ISO 527
Ball Indentation Hardness H	Mpa	-	18	ISO 2039-1
Shore D Hardness	-	-	48	ISO 868
Failure Energy	J/mm	-	4	DIN 53373
coefficient of friction	%	-	55	ISO 8295

* 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.