Product Data Sheet: BG-LL-18B03

Linear Low Density PE	Film	
LLDPE: BG-LL-18B03	Density: 0.916 - 0.920	MFI: 2.8 - 3.2

Feature:
Commoner Butene-1(C4)

Application:
- Cast film
- Cross-linked conduits
- Medium duty packaging

Additive:
- Lubricant
- Antioxidants
- Acid scavenger

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)	g/10 min	190 °C/2.16 kg	2.8-3.2	ASTM D1238
Density	gr/cm³	23 °C	0.916-0.920	ASTM D-1505
FRR	-	(MFR 21.6/2.16)	24-26	ASTM D-1238
Contamination	Number	-	<30	MTM 17064 E
Physical Properties	**unit**	**Condition**	**Typical value**	**Test method**
Yellowness Index	_	-	<0.5	ASTM E313/ASTMD6290
Dart Impact	gr	_	120	ASTM D-1709/a
Haze	%	-	30	ASTM D-1003
Gloss	-	60°	40	ASTM D-2457
Tensile Modulus	Mpa	TD	-	ASTM D-882
	Mpa	MD	-	ASTM D-882
Tensile Strength @ Break	Mpa	TD	27	ASTM D-882
	Mpa	MD	29	ASTM D-882
Elongation @ Break	%	TD	860	ASTM D-882
	%	MD	900	ASTM D-882
Elmendorf Tear	gf/µm	TD	265/40	ASTM D-1922
	gf/µm	MD	220/40	ASTM D-1922

* 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 customers 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.
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