

Form No.:	TECHNICAL DATA SHEET Linear Low Density Polyethylene Product : BG-LL 18B01			
Rev. No.:				
BG-LL 18B01	Density: 0.916 - 0.920			MFI= 0.8 - 1.2
Feature:	Application:			Additive:
Comonomer Butene-1 (C4)	General Purpose , Blown Film , liners			Neutralizer: Calcium Stearate Antioxidants: Irganox1010 & Irgafos168
Resine Properties	Unit	Test Method	Typical Value	Condition
Melt Flow Rate (MFR)	gr/10min	ASTM D-1238	0.8 - 1.2	190°C/2.16Kg
FRR	—	ASTM D-1238	24 - 26	(MFR 21.6/2.16)
Density	gr/cm ³	ASTM D-1505	0.916 - 0.920	23° C
Contamination	Number	MTM 17064 E	<30	-
Mechanical & Optical Properties	Unit	Test Method	Typical Value	Condition
Yellowness Index	-	ASTM E313/ASTMD6290	(-2) - (+0.5)	-
Dart Impact	gr	ASTM D-1709/a	140	-
Haze	%	ASTM D-1003	15	-
Gloss(60°)	-	ASTM D-2457	50	60°
Tensile Modulus(MD/TD)	Mpa	ASTM D-882	-	TD: Modulus (0-2%) (Initial grip separation:125mm/Rate of grip separation:12.5mm/min)
	Mpa	ASTM D-882	-	MD:Modulus (0-2%) (Initial grip separation:100mm/Rate of grip separation:50mm/min)
Tensile Strength @ Break(MD/TD)	Mpa	ASTM D-882	35	TD
	Mpa	ASTM D-882	40	MD
Elongation @ Break(MD/TD)	%	ASTM D-882	900	TD
	%	ASTM D-882	920	MD
Elmendorf Tear(MD/TD)	gf/μm	ASTM D-1922	330/39	TD
	gf/μm	ASTM D-1922	220/39	MD

Notes: » Guaranteed items: MFR & FRR & Density » » »	
Process Engineering:	Quality Control (Approved):