

TECHNICAL DATA SHEET

Product Data sheet: BG-LL 18B03

Linear Low Density PE	Film , wire & cable	
LLDPE: BG-LL 18B03	Density: 0.916 - 0.920	MFI: 2.8 - 3.2
Feature: Comonomer:butene-1(C4)	Application: • Cast film (stretch warp) • Blend component for W&C • Cross-linked conduits • Medium duty packaging	Additives: • Antioxidants • Lubricant • 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 index	g/10 min	190°C/2.16 kg	2.8-3.2	ASTM D1238
Density	g/l	23°C	0.916-0.920	ASTM D1505
F/E Ratio	-		<30	ASTM D1238
Yellowness Index	-		0.5	ASTM D1925
Ti content	ppm		2	MTM 15636
Fish Eyes	Mpa	-	60-100	MTM 17108
Haze	%		2	ASTM D1003
Gloss 45°	%O		90	MTM 1702
Dart impact	g		70	ASTM D1709/A
Tensile modulus	2% sec	MD	115	ASTM D882
	Mpa	TD	120	ASTM D882
Tensile strength	Ultimate	MD	50	ASTM D882
	Mpa	TD	24	ASTM D882
Elongation	At braek	MD	480	ASTM D882
	%	TD	850	ASTM D882
Elmendorf tear	g	MD	90	ASTM D1922
		TD	350	ASTM D1922