

Product Data sheet: BG-LL 22B02

Linear low Density PE		Film	
LLDPE: BG-LL 22B02	Density: 0.920 - 0.924	MFI: 1.8 - 2.2	
Feature:	Application:	Additives:	
<ul style="list-style-type: none"> Comonomer:butane-1(c4) High stiffness films 	<ul style="list-style-type: none"> High stiffness blown and cast film Blending Lamination 	<ul style="list-style-type: none"> Acid scavenger Antioxidants Anti-block and Slip agent (on customer request) Lubricant 	

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	1.8-2.2	ASTM D1238
Density	g/l	23°C	0.920-0.924	ASTM D1505
F/E Ratio	-		<30	ASTM D1238
Yellowness Index	-		0.5	ASTM D1925
Ti content	Ppm wt		2	MTM 15636
Fish Eyes	Gels/m ²	-	60	MTM 17108
Haze	%		13	ASTM D1003
Gloss	%O		90	ASTM D2457
Dart impact	gr		60	ASTM D1709
Tensile strength@Yield	Mpa	TD	13	ASTM D882
	Mpa	MD	12	ASTM D882
Tensile strength@Break	Mpa	TD	38	ASTM D882
	Mpa	MD	40	ASTM D882
Elongation@Break	%	TD	1000	ASTM D882
	%	MD	850	ASTM D882

Test	unit	unit	unit	unit
MFR (190°C/2.16 kg)	g/10min	g/10min	g/10min	g/10min
MFR (190°C/21.6 kg)	g/10min	g/10min	g/10min	g/10min
Average Density	g/cm ³	g/cm ³	g/cm ³	g/cm ³
Tensile Modulus 2%(MD)	MPa	MPa	MPa	MPa
Tensile Modulus 2%(TD)	MPa	MPa	MPa	MPa
Elmendorf Tear Strength (MD)	g/micrometer	g/micrometer	g/micrometer	g/micrometer
Elmendorf Tear Strength (TD)	g/micrometer	g/micrometer	g/micrometer	g/micrometer
GLOSS (60°)	-	-	-	-
Vicat Softening Point	-°C	-°C	-°C	-°C