



Product: LLDPE BG-LL 22B02 (Linear Low-Density Polyethylene)

Density: 0.920 – 0.924 g/cm³

Melt Flow Index (MFI): 1.8 – 2.2 g/10 min

Features

- Comonomer: Butane-1 (C4)
- High stiffness films

Applications

- High stiffness blown and cast films
- Blending
- Lamination

Additives

- Acid scavenger
- Antioxidants
- Anti-block and slip agent (on request)
- Lubricant

Material Properties (typical values)

Property	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	%	–	90	ASTM D2457
Dart impact	gr	–	60	ASTM D1709
Tensile strength @ Yield (TD)	MPa	–	13	ASTM D882
Tensile strength @ Yield (MD)	MPa	–	12	ASTM D882
Tensile strength @ Break (TD)	MPa	–	38	ASTM D882
Tensile strength @ Break (MD)	MPa	–	34	ASTM D882
Elongation @ Break (TD)	%	–	1000	ASTM D882
Elongation @ Break (MD)	%	–	850	ASTM D882