

LLDPE BG-LL18B03AA

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Product Description:

18B03 is a LLDPE film grade designed for applications requiring good optical properties even at low extrusion temperature. This resin combines ease of processing with low gels and it is well suited for blending with LDPE and for general purpose applications.

Application:

- Cast film (stretch warp)
- Blend component for W&C
- Cross-linked conduits
- Medium duty packaging

Additives:

- Antioxidant
- Lubricant
- Acid scavenger

Material Properties

Comonomer: Butane – 1 (C4)

Property	Unit	Value	Test Method
Density	(g/ml)	0.916 ± 0.920	ASTM D 1505
MFR(190°C/2.16kg)	(g/10min)	2.8 ± 3.2	ASTM D 1238
Dart Impact	(g)	70	ASTM D 1709
Tensile Modulus MD/TD	(MPa)	115/120	ASTM D 882
Elongation MD/TD	(%)	480/850	ASTM D 882
Elongation MD/TD	(MPa)	50/24	ASTM D 882
Elmendorf tear MD/TD	g	90/350	ASTM D1922
Haze	(%)	2	ASTM D 1003
Gloss 45°	(%)	90	ASTM D 2457
Fish Eyes	Gels/m ²	60-100	MTM 17108
Ti content	Ppm wt	2	MTM 15636
Yellowness Index	–	0.5	ASTM D1925
F/E Ratio	–	<30	ASTM D1238