



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

BAKHTAR PETROCHEMICAL COMPANY

LINEAR LOW DENSITY POLYETHYLENE BG-LL 18B01

LLDPE BG-LL 18B01 is a high-performance linear low-density polyethylene (LLDPE) resin designed for a variety of applications, particularly in the packaging and agricultural sectors.

Producer	Characteristic Properties	Applications	Additive
BAKHTAR	Comonomer:butene-1(C4)	General purpose Blown film Agricultural film liners & liners	Acid scavenger- Antioxidants Anti-block agent- Processing aid (on customer-request)

Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Flow Index	g/10 min	0.8-1.2	ASTM D-1238
Density	g/l	0.916-0.920	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	60	MTM 17108
Haze	%	22	ASTM D1003
Gloss 45°	%O	37	MTM 1702
Dart impact	g	100	ASTM D1709/A
Tensile modulus	Mpa	140	ASTM D882
Tensile strength	Mpa	33	ASTM D882
Elongation	%	770	ASTM D882