

LLDPE BG-LL-22B01KJ – FILM GRADE

High stiffness LLDPE film grade based on Butene-1 (C4), designed for blown film applications requiring excellent rigidity, strength, and process stability.

Applications

- High stiffness blown films
- Shopping bags / T-shirt bags
- Carrier bags
- Refuse sacks / garbage bags
- Packaging films
- Agricultural films (general purpose)

Additives

- Antioxidants: Irganox 1010 & Irgafos 168
- Neutralizer: Calcium Stearate
- Slip Agent & Antiblocking Agent

Property	Typical Value	Unit	Method
MFI (190°C/2.16kg)	1 ± 0.2	g/10 min	ASTM D1238
Density	0.922 ± 0.002	g/cm ³	ASTM D1505
FRR	24 – 26	-	ASTM D1238
Contamination	<30	Number	MTM 17064E
Yellowness Index	<0.5	-	ASTM E313
Dart Impact	116	gr	ASTM D1709
Haze	17	%	ASTM D1003
Gloss (60°)	82	-	ASTM D2457
Tensile Modulus (TD/MD)	176 / 206	MPa	ASTM D882
Tensile Strength (TD/MD)	34 / 38	MPa	ASTM D882
Elongation (TD/MD)	869 / 817	%	ASTM D882
Elmendorf Tear (TD/MD)	310 / 237	gf/μm	ASTM D1922