

LLDPE BG-LL-22B02KJ – FILM GRADE

High performance LLDPE film grade based on Butene-1 (C4), designed for light to medium duty film applications. This grade provides excellent balance of mechanical strength, processability, and optical properties.

Applications

- Agricultural films (Greenhouse, Mulch Film)
- General packaging films
- Shopping bags & T-shirt bags
- Stretch film (blending)
- Blown & Cast film applications
- Lamination film structures

Additives

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

Property	Typical Value	Unit	Method
MFI (190°C/2.16kg)	2 ± 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	123	gr	ASTM D1709
Haze	17	%	ASTM D1003
Gloss (60°)	60	-	ASTM D2457
Tensile Strength (MD/TD)	33 / 31	MPa	ASTM D882
Elongation (MD/TD)	985 / 1070	%	ASTM D882
Elmendorf Tear (MD/TD)	225 / 300	gf/μm	ASTM D1922