

Product Data Sheet

BG-LD 2420E02

Low Density Polyethylene, Film

Applications:

- General purpose
- Cast films
- Fine shrink films
- High clarity films

Additives

- No additive

Feature

- Homo polymer
- High clarity

Resin properties	unit	condition	Typical value	Test method
Melt flow index	g/10 min	190°C/2.16 Kg	1.9 ± 0.02	ISO 1133
Density	g/ml		0.923± 0.002	ISO 1183A
Impact Strength	KJ/ M	23°C	26	ASTM D4272
Tear Strength (TD)	KN/ M		25	ASTM D6383-2
Tear Strength (MD)	KN/ M		60	ASTM D6383-2
Strain at Break (TD)	%		>500	ISO 527
Strain at Break (MD)	%		>200	ISO 527
Yield Stress (TD)	MPA		11	ISO 527
Yield Stress (MD)	MPA		13	ISO 527
Coefficient of friction	-		1	ASTM D1894
HAZE	%		≤6.5	ASTM 1003A
Gloss	%		55	ASTM D2457
Dart Drop impact	g		>120	ASTM 1709
Fish eye	No./m2		≤3	Internal