

TECHNICAL DATA SHEET

Product Data sheet: BG-LD 2420E02

Low Density Polyethylene	Film	
LDPE: BG-LD 2420E02	Density: 0.923±0.002	MFI: 1.9±0.2
Feature: - Homo polymer - High clarity	Application: - General purpose - cast films - Fine shrink films - High clarity films	Additives: No additive

Material properties (this data are typical values and shall not be construed as product specifications.)

Resin properties	unit	condition	Typical value	Test method
Melt Flow Index	gr/10min	190°C/2.16 kg	1.9 ±0.2	ISO 1133
Density	gr/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