

**Product Data sheet: BG-LD 2420E02**

<b>Low Density Polyethylene</b>	<b>Film</b>	
<b>LDPE: BG-LD 2420E02</b>	<b>Density: 0.923±0.002</b>	<b>MFI: 1.9±0.02</b>
<b>Feature:</b> <ul style="list-style-type: none"><li>• Homo polymer</li><li>• High clarity</li></ul>	<b>Application:</b> <ul style="list-style-type: none"><li>• General purpose</li><li>• cast films</li><li>• Fine shrink films</li><li>• High clarity films</li></ul>	<b>Additives:</b> <ul style="list-style-type: none"><li>• No additive</li></ul>

*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 ±0.02	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./m <sup>2</sup>		≤3	Internal

**Aydin Cure**

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