

Product Data sheet: GB-LD 2420F3



Low Density Polyethylene	Film	
LDPE: BG-LD 2420F3	Density: 0.923±0.002	MFI: 0.3±0.05
Feature: <ul style="list-style-type: none"> Homo polymer High strength film 	Application: <ul style="list-style-type: none"> Heavy duty packaging Shrink hoods Inliners 	Additives: <ul style="list-style-type: none"> 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	0.3 ±0.05	ISO 1133
Density	gr/ml		0.923±0.002	ISO 1183A
Impact Strength	KJ/ M	23°C	28	ASTM D4272
Tear Strength(TD)	KN/ M		30	ASTM D6383-2
Tear Strength(MD)	KN/ M		40	ASTM D6383-2
Strain at Break(TD)	%		>500	ISO 527
Strain at Break(MD)	%		>200	ISO 527
Yield Stress (TD)	MPA		12	ISO 527
Yield Stress (MD)	MPA		21	ISO 527
Coefficient of friction	-		1	ASTM D1894
HAZE	%		9	ASTM 1003A
Gloss	%		60	ASTM D2457