

Product Description

FM LDPE 2420E02

LDPE 2420E02 is a low density density polyethylene. It is a homo polymer with high clarity suitable for usage in cast, fine shrink and high clarity films.

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

Notes: Values shown are averages and are not to be considered as product specification. These values may shift slightly as additional data is accumulated. - ISO test methods are the latest under the society's current procedures.