

INTRODUCTION OF PETROCHEMICAL PRODUCTS

LOW DENSITY POLYETHYLENE (L.D.P.E)

FM 2420E02

FILM GRADE / KORDESTAN Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.923±0.002	gr/ml		ISO 1183A
Melt flow index	1.9±0.02	gr/10min	190°C/2.16kg	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

- Manufacturer: Kordestan Pet.co.
- Application: Film, Shiring Film, Bags, General-purpose film.
- Process: Blown film.
- Features: Good processability, Good optical properties, Good sewability, Good melt strength, High tear resistance.

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.

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