

INTRODUCTION OF PETROCHEMICAL PRODUCTS

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

2102 TX00

FILM GRADE / LALEH Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.921	g/cm ³		ISO 1183
MFI	1.9	g/10min	2.16Kg , 190°C	ASTM D1238
Blocking	20	gr		
Coefficient of Friction	1			ASTM D1894
Dart Drop Impact Strength	26	KJ/m		ASTM D4272
Film Elongation at Break, MD	150	%		ISO 527
Film Elongation at Break, TD	500	%		ISO 527
Film Tensile Modulus, MD	190	MPa		ISO 527
Film Tensile Modulus, TD	200	MPa		ISO 527
Film Tensile Strength at Break, TD	20	MPa		ISO 527
Film Tensile Strength at Yield, MD	13	MPa		ISO 527
Film Tensile Strength at Yield, TD	11	MPa		ISO 527
Re-Blocking	100	gr		
Tear Strength, MD	60	kN/m		ISO 6383
Tear Strength, TD	25	kN/m		ISO 6383
Gloss	50		45 °	ASTM D2457
Haze	11	%		ASTM D1003

- Manufacturer: Laleh Pet.co.
- Application: wide range of widths and thicknesses eg for punches, bags, liners and lamination film.
- Process: Blown film.
- Features: Good rigidity, High molecular weight, Good tear strength, Good tensile strength, Good dimensional stability.

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