

INTRODUCTION OF PETROCHEMICAL PRODUCTS
LOW DENSITY POLYETHYLENE (L.D.P.E)

Lupolen 2420H

FILM GRADE / AMIRKABIR

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.924	g/cm ³		ISO 1183
MFI	1.9	g/10min	2.16Kg /190°C	ISO 1133
Film Elongation at Break, MD	250	%		ISO 527
Film Elongation at Break, TD	600	%		ISO 527
Film Tensile Strength at Break, MD	26	MPa		ISO 527
Film Tensile Strength at Break, TD	18	MPa		ISO 527
Impact Strength, Dart	110	gr	50μ Blown film	ASTM D1709
Tensile Modulus	260	MPa		ISO 527
Tensile Strength at Yield	11	MPa		ISO 527
Vicat Softening Point	94	°C	50°C/h, 10N	ISO 306
Gloss	100		60°/50μ Blown film	ASTM D2457
Haze	8	%	50 , <8	ASTM D1003

* Typical values not to be construed as specifications.

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