

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

Lupolen 2420K

FILM GRADE / AMIRKABIR

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.924	g/cm ³		ISO 1183
MFR	4	g/10min	2.16Kg / 190°C	ISO 1133
Tensile Modulus	260	MPa		ISO 527-1,-2
Tensile Strength at Yield	11	MPa		ISO 527-1,-2
Tensile Strength, MD	22	MPa		ISO 527-1,-3
Tensile Strength, TD	17	MPa		ISO 527-1,-3
Tensile Strength at Break, MD	300	%		ISO 527-1,-3
Tensile Strength at Break, TD	600	%		ISO 527-1,-3
Dart Drop Impact	100	gr	50μ blown film	ASTM D1709
Vicat Softening Temperature	92	°C	A50 (50°C/h 10N)	ISO 306/A50
Gloss	> 105		60 °, 50μ blown film	ASTM D2457
Haze	< 8	%	50μ blown film	ASTM D1003

* Typical values not to be construed as specifications.

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