

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

# Lupolen 2420D

## FILM GRADE / AMIRKABIR

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.923	g/cm <sup>3</sup>		ISO 1183
MFI	0.25	g/10min	At 2.16Kg /190°C	ISO 1133
Film Elongation at Break, MD	200	%		ISO 527
Film Elongation at Break, TD	500	%		ISO 527
Film Tensile Strength at Break, MD	27	MPa		ISO 527
Film Tensile Strength at Break, TD	20	MPa		ISO 527
Impact Strength, Dart	250	gr	50μ Blown film	ASTM D1709
Tensile Modulus	240	MPa		ISO 527
Tensile Strength at Yield	10	MPa		ISO 527
Vicat Softening Point	94	°C	50°C/h, 10N	ISO 306
Gloss	50		60°/50μ Blown film	ASTM D2457
Haze	14	%	50 , < 14	ASTM D1003

\* Typical values not to be construed as specifications.

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