

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

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

# 2100 TN00

## FILM GRADE / LALEH

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.921	g/cm <sup>3</sup>		ISO 1183
MFI	0.3	g/10min	2.16Kg , 190°C	ASTM D1238
Blocking	0.7			
Dart Drop Impact Strength	35	KJ/m		ASTM D1894
Film Elongation at Break, MD	200	%		ASTM D4272
Film Elongation at Break, TD	500	%		ISO 527
Film Tensile Modulus, MD	180	MPa		ISO 527
Film Tensile Modulus, TD	190	MPa		ISO 527
Film Tensile Strength at Break, MD	29	MPa		ISO 527
Film Tensile Strength at Break, TD	26	MPa		ISO 527
Film Tensile Strength at Yield, MD	12	MPa		ISO 527
Film Tensile Strength at Yield, TD	11	MPa		ISO 527
Re-Blocking	30	gr		
Tear Strength, MD	20	kN/m		ISO 6383
Tear Strength, TD	25	kN/m		ISO 6383
Gloss	46		45 °	ASTM D2457
Haze	12	%		ASTM D1003

\* Typical values not to be construed as specifications.

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