

INTRODUCTION OF PETROCHEMICAL PRODUCTS

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

LFI 2047A

FILM GRADE / ARIYA SASOL

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.92	g/cm ³		ISO 1183
MFI	4.7	g/10min	2.16Kg/190°C	ISO 1133
Blocking	20	gr		
Coefficient of Friction	0.2			ASTM D1894
Dart Drop Impact Strength	15	KJ/m		ASTM D4272
Film Elongation at Break, MD	100	%		ISO 527
Film Elongation at Break, TD	500	%		ISO 527
Film Tensile Modulus, MD	200	MPa		ISO 527
Film Tensile Modulus, TD	200	MPa		ISO 527
Film Tensile Strength at Break, MD	27	MPa		ISO 527
Film Tensile Strength at Break, TD	15	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	10	gr		
Tear Strength, MD	80	kN/m		ISO 6383
Tear Strength, TD	25	kN/m		ISO 6383
Gloss	55		45°	ASTM D2457
Haze	9	%		ASTM D1003

* Typical values not to be construed as specifications.

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