

Technical Specification of Low Density Polyethylene (LDPE) Film
As per BIS 2508:1984 (Up-To-Date)

#	Properties	Unit	Values				
1	Thickness	Micron	100	150	250	300	500
2	Tolerance on Thickness	%	±20	±20	±20	±20	±20
3	Width	Meter	9.0	9.0	9.0	9.0	7.0
4	Density	gms/cc	0.930	0.930	0.930	0.930	0.930
5	Tensile strength at break MD Max	Kg/cm ²	220	223	180	187	185
6	Tensile strength at break TD Max	Kg/cm ²	185	186	185	183	161
7	Elongation at break MD Max	%	520	526	502	505	423
8	Elongation at break TD Max	%	650	640	670	664	550
9	Dart Impact Test	gms	Pass	Pass	Pass	Pass	Pass
10	Tear Resistance MD (Elmendorf Method)	gms	1200	1500	2050	2150	2250
11	Tear Resistance TD (Elmendorf Method)	gms	1250	1600	2150	2300	2550
10	Carbon black content	%	2.5±0.5	2.5±0.5	2.5±0.5	2.5±0.5	2.5±0.5
11	Carbon black dispersion		Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

M.D: Machine Direction T.D: Transverse Direction

Note: Higher Test Values in one or more tests can be made available to meet individual customer requirements.