



Low Density Polyethylene (LDPE)

<i>Grade</i>	<i>MFI (gr/10min)</i>	<i>Applications</i>
LF0200	2.0	General purpose bags, packaging of carrier bags, co- extruded milk bags, low tension power cables insulation and industrial injection moldings.
LH0075	0.75	Carrier bags, shrink film, industrial film, dust bin liners, small bottles, blow molding of small containers, packaging of pharmaceutical products, packaging of foodstuffs and bottles for storage of chemical products.
LH0050	0.50	Shrink films, industrial film, dust bin liners, blow molding of small containers, packaging of pharmaceutical products, packaging of foodstuffs and bottles for storage of chemical products.
LH0030	0.3	Heavy duty bags, cable,
2100TN00	0.3	Shrink hoods, industrial sacks, Heavy duty carrier bags
2101TN47	0.85	Carrier bags, shrink film, industrial film, dust bin liners, small bottles, blow molding of small containers, packaging of pharmaceutical products, packaging of foodstuffs and bottles for storage of chemical products.
2501TN00	0.75	Diaper film, lamination film





2102TX00	1.9	Bags, liner, lamination film
2602TH00	1.9	Diaper film, under blankets and films for medical applications
2004TC37	4.7	Very thin films with good optical properties
2404TC47	4.7	Covering film
1922T	22	Injection molding
LS0085	0.85	Thin Shrink film
LS0085/KJ	0.85	Shrink Packaging application
LF0190	1.9	Carrier Bags
LF0250/KJ	2.5	Packaging film
LF0470/KJ	4.7	Stiffer thin films for textile packaging



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Low Density Polyethylene (LDPE)

Producer: Bandar Imam Petrochemical company (BIPC) & Arya Sasol Petrochemical Company

Property	Melt Flow Index (190° C,2.16Kg)	Density	VSP	Elongation @ break	Tensile@ break(MD)	HDT	Dart Impact	Haze	Gloss@ 60
Unit	g/10 min	g/cm3	°C	%	Kg/cm2	°C	gr	%	GU
Method	ASTM D- 1238	TSTM 209- B	ASTM D- 1525	ASTM D- 882	ASTM D- 882	ASTM D- 648	ASTM D- 1709	ASTM D- 1003	ASTM D- 523
LF0200	2	0.920	94	MD:330 Min TD: 600 Min	160 Min	-	100 Min	15 Max	60 Min
LH0075	0.75	0.921	94	MD:300 Min TD: 450 Min	170 Min	33	120 Min	-	-
LH0050	0.5	0.920	94	MD:280 Min TD: 550 Min	230 Min	58	130 Min	-	-
LH0030	0.3	0.922	95	MD:250 Min TD:500 Min	250 Min	-	-	-	-





LS0085	0.85	0.921	-	MD:200 Min TD:500 Min	170 Min	-	-	9	55
LS0085/KJ	0.85	0.921	-	MD:200 Min TD:500 Min	170 Min	-	-	12	49
LF0190	1.9	0.921	-	MD:100 Min TD:500 Min	190 Min	-	-	12	53
LF0250/KJ	2.5	0.921	-	MD:190 Min TD:190 Min	190 Min	-	-	13	50
LF0470/KJ	4.7	0.924	-	MD:100 Min TD:500 Min	240 Min	-	-	12.5	50

Low Density Polyethylene (LDPE)

Producer: Laleh Petrochemical Complex

Extrusion grades



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Property	Melt Flow Index (190°C, 2.1 6Kg)	Density	Tear strength	Elongation @ break	Tensile strength	C.O.F	Impact strengt h	Haze	Gloss@ 60
Unit	g/10 min	g/cm3	KN/m	%	MPa		Kj/m	%	%
Method	ISO 1133	ISO 1183	ISO 6383- 2	ISO R527- 1	ISO R527- 1	ASTM D 1894	ASTM D 4272	ASTM D1003	ASTM D 2457
2100TN00	0.3	0.921	MD:20 TD: 25	MD:200Min TD: 500 Min	MD:29 TD:26	0.7	35	15	39± 5
2101TN47	0.85	0.921	MD:40 TD: 30	MD:200Min TD: 500 Min	MD:24 TD:21	0.1	30	11	49± 5
2501TN00	0.75	0.925	MD:35 TD: 30	MD:200Min TD: 500 Min	MD:28 TD:25	0.7	20	10	50± 5
2102TX00	1.9	0.921	MD:60 TD: 25	MD:150 Min TD:500 Min	MD:- TD:20	> 1	26	11	50± 5
2602TH00	1.9	0.926	MD:90 TD: 40	MD:150 Min TD:500 Min	MD:30 TD:20	> 1	15	7.1	61± 5





2004TC37	4.7	0.921	MD:80 TD: 30	MD:100 Min TD:450 Min	MD:27 TD:15	0.2	15	9.5	53± 5
2404TC47	4.7	0.924	MD:90 TD: 30	MD:100 Min TD:450 Min	MD:27 TD:16	0.2	13	12	50± 5
Injection grade									
Property	Melt Flow Index (190° C)	Density	Tensile strength	Elongation @ break	Hardness	Tensile modulus	Izod Impact Notche d	VSP	HDT
Unit	Gr/10min	g/cm3	Mpa	%	Shore D	MPa	Kj/m2	°c	°c
							Iso		

