



LEC 1969

Low Density Polyethylene LEC 1969

LEC 1969 is the first commercially proven tubular LDPE grade for extrusion coating in Iran. This product is developed as general purpose application in extrusion coating segments. LEC 1969 can be used on low and also very high line speed extrusion coating and lamination processes. When processes on suitable hardware, LEC 1969 exhibits excellent draw down ability, good edge stability and low neck-in. Due to its excellent draw down ability and good adhesion, very thin coating layers can be applied on the substrate.

No.	Property	Value	Units	Test Method
1	MFI (190 °C /2.16 Kg)	6.9	dg/min	ISO 1133
2	Density ²	919	kg/m ³	ISO 1183
3	Stress at Yield	11	MPa	ISO 527-1,2
4	Stress at Break	12	MPa	ISO 527-1,2
5	Strain at Break	>600	%	ISO 527-1,2
6	Tensile Modulus	160	MPa	ISO 527-1,2
7	Yield Stress (MD/TD)	11/11	MPa	ISO 527-1,3
8	Tensile Stress at Break (MD/TD)	17/17	MPa	ISO 527-1,3
9	Strain at Break (MD/TD)	> 700	%	ISO 527-1,3
10	Extrusion Coating	200	MPa	ISO 527-1,3

Applications:

Extrusion coating- Laminating- Flexible packaging- Paper coating- Cardboard coating- Aluminum foil coating- Multi-layer packaging.