



# LDPE 1922T

Low Density Polyethylene for Injection Moulding

LIM1922 lightweight polyethylene grade suitable for injection molding process offers a special combination of stable production process, flexibility and roughness. This grid is developed for applications that require a balance between dynamic properties and mechanical properties.

## Producer:

LALEH Petrochemical Company

No	Property	Value	Units	Test Method
1	Density	919	Kg/m <sup>2</sup>	ISO 1183
2	Melt Flow Rate at 190 °C	22	g/min	ISO 1133
3	Tensile Strength at Break	7	MPa	ISO R 527-1
4	Strain at Break	400	%	ISO R 527-1
5	Tensile modulus	175	MPa	ISO R 527-1
6	Notched tensile impact Strength	86	KJ/m <sup>2</sup>	ASTM D 627
7	Notched Izod Impact	42	KJ/m <sup>2</sup>	ASTM D 627
8	Heat Deflection Temperature at 0.45 MPa	39	°C	ASTM D 648
9	Vicat Softening Temperature at 10 N	82	°C	ASTM D 1525

## Applications:

Home appliances, toys, caps, compounding

