



# LDPE 2100

Low Density Poly Ethylene for Blown Film

Polyethylene 2100 is one of the types of lightweight polyethylene. Polyethylene is one of the types of polymers that have different applications in different sectors. 2100 material is in the category of film grade lightweight polyethylene.

## Producer:

LALEH Petrochemical Company

No	Property	Value	Units	Test Method
1	MFI	0.3	dg/min	ISO 1133
2	Density	921	kg/m <sup>3</sup>	ISO 1183
3	Haze	15	%	ASTM D1003A
4	Clarity	56	mV	DSM METHOD
5	Gloss	39	%	ASTM D 2457
6	Anti oxidant	600	ppm	DSM METHOD
7	Impact Strength	35	KJ/m	ASTM D 4272
8	Tear Strength TD	25	Kn/m	ISO 6383-2
9	Tear Strength MD	20	Kn/m	ISO 6383-2
10	Yield Stress TD	11	MPa	ISO R 527-1
11	Yield Stress MD	12	MPa	ISO R 527-1
12	Tensile Strength TD	26	MPa	ISO R 527-1

## Applications:

Production of packaging films and liners

