



AMIR KABIR PETROCHEMICAL COMPANY  
**LDPE Lupolen 2420 H**

**1 Product Description:**

Lupolen 2420 H is a non-additivated, low density Polyethylene. It is delivered in pellet form.

**2 Applications:**

- Bags & Pouches
- Film
- Shrink Film
- Blown Film
- Cast Film

**3 Processing Method:**

- Cast Film
- Blown Film

**4 Features:**

Good Heat Seal, Optical, Good Processability

No.	Property	Value	Units	Test Method
1 ▶	Density	0.924	g/cm <sup>3</sup>	ISO 1183
2 ▶	Melt Flow Rate (MFR)(190°C/2.16Kg)	1.9	g/10 min	ISO 1133
3 ▶	Tensile Modulus	260	MPa	ISO 527-1, -2
4 ▶	Tensile Stress at Yield	11	MPa	ISO 527-1, -2
5 ▶	Tensile Strength at Break MD/TD	26/18	MPa	ISO 527-1, -3
6 ▶	Tensile Strain at Break MD/TD	250/600	%	ISO 527-1, -3
7 ▶	Dart Drop Impact(50 blown film)	110	g	ASTM D 1709
8 ▶	Vicat softening temp (A50 (50 °C/h 10N))	94	°C	ISO 306
9 ▶	Haze (50)	<8.0	%	ASTM D 1003
10 ▶	Gloss (60°, 50)	>100	-	ASTM D 2457
11 ▶	Shore Hardness (Shore D)	48	-	ISO 868