

# AMIR KABIR PETROCHEMICAL COMPANY

## LDPE Lupolen 2420 H

A M I R K A B I R P E T R O C H E M I C A L C O M P A N Y

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### 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

LDPE

No.	Property	Value	Units	Test Method
1	Density	0.924	g/cm <sup>3</sup>	ISO 1133
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

Typical properties:  
not to be construed as specifications

AKPC