



LDPE 2420H

Low Density Polyethylene · Film Grade

Also traded as 2420 · Origin: Iran

MFR (190 °C / 2.16 KG)

1.9 g/10 min

DENSITY

0.924 g/cm³

PROCESS

Blown / Cast Film

HAZE

< 8 %

PRODUCT DESCRIPTION

LDPE 2420H is a non-additivated low density polyethylene for blown and cast film. It offers good heat sealing, good optical properties and easy processing for medium-gauge films of 70 – 220 µm: packaging film, bags, pouches and shrink film. Not intended for medical applications.

- Good heat seal
- Good processability
- High clarity & gloss
- Additive-free

PROCESSING GUIDE

Process	Blown & cast film
Melt temperature	160 – 200 °C
Film thickness	70 – 220 µm
Additives	None

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Density	ISO 1183	g/cm ³	0.924
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	g/10 min	1.9
MECHANICAL			
Tensile Modulus	ISO 527-1, -2	MPa	260
Tensile Stress at Yield	ISO 527-1, -2	MPa	11
Tensile Strength at Break MD / TD	ISO 527-1, -3	MPa	26 / 18
Tensile Strain at Break MD / TD	ISO 527-1, -3	%	250 / 600
Dart Drop Impact (50 µm)	ASTM D1709	g	110
THERMAL			
Vicat Softening Temp. (A50)	ISO 306	°C	94
OPTICAL			
Haze (50 µm)	ASTM D1003	%	< 8
Gloss (60°, 50 µm)	ASTM D2457	—	> 100

APPLICATIONS



Packaging Film



Shrink Film



Bags & Pouches

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

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