

LDPE 2420H

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

Application:

- Bags & pouches
- Film
- Shrink Film
- Blown Film
- Cast Film



Processing Method:

- Cast Film
- Blown Film

Features:

- Good Heat Sea

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- Optical
- Good Processability
- Food grade

#	Property	Value	Unit	Test Method
1	Melt Flow rate (MFR)(190°C/2.16Kg)	1.9	g/10 min	ISO 1133
2	Density	0.924	g/cm ³	ISO 1183
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	26/8	MPa	ISO 527-1, -3
6	Tensile Strain at Break MD/TD	260/600	%	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

Packaging:

Supplied in pellet form and packaged in 25 Kg bags.

Storage:

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. Ultraviolet causes a change in the materials properties. The Storage area should be dry and preferably not exceed 50 °C. Under cool, dry, dark conditions polyolefin resins are expected to maintain the original properties for at least 18 month. FM Plastics cannot be held responsible for diminishing qualities due to poor storage conditions, such as; color change, foul smell etc. Generally, it is considered best to process PE resin within 6 months after delivery.

Handling:

Ensure proper ventilation of the work environment to minimize health and safety hazards from fine particles. Ensure machinery and equipment is properly grounded to prevent sparks that can ignite dust. Molten polymers will cause thermal injuries to organic matter please ensure safety glasses and appropriate safety apparel is worn.

For technical assistance or further information on this product contact us.