



LDPE/2420H

Low Density Polyethylene 2420H

2420H polyethylene or 2420H material is a light film grade of polyethylene. This grade is used to produce medium-thickness films without a package of additives such as anti-block and slip agent. The recommended thickness is 70 to 220 microns. This grade is not suitable for medicinal purposes.

Producer:

Amir kabir Petrochemical Company

No	Property	Value	Units	Test Method
1	Melt Flow Rate (190°C, 2.16 kg)	1.9	g/10min	D1505
2	Density	0.924	g/cm ³	D238
3	Tensile modulus	260	MPa	-
4	Tensile Stress at Yield	11	MPa	D1709
5	Tensile Strength at Break MD/TD	26/18	MPa	D1922
6	Tensile Strength at Break at break MD/TD	250/600	%	D882
7	Dart Drop Impact (50 blown film)	110	g	D1922
8	Vicat softening temp (A50(50°C/h 10N))	94	°C	D882
9	Haze (50)	<8.0	%	D1922
10	gloss(60°, 50°)	>100	-	D1922

Applications:

- Good tensile strength * High transparency * Good tear resistance

