

Linear Low Density polyethylene 2420D

2420D polyethylene or 2420D 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.

Applications:

green house film, silage film hand bags and general purpose film applications.

No.	Property	Value	Unit	Test Method
1	Melt Flow Rate (190°C, 2.16 kg)	0.25	g/10 min	ISO 1183
2	Density	0.923	g/cm ³	ISO 1183
3	Tensile Modulus	240	MPa	ISO 527-1,2
4	Tensile Stress at Yield	10	MPa	ISO 527-1,2
5	Tensile Strength at Break (MD/TD)	27 / 20	MPa	ISO 527
6	Tensile Strain at Break (MD/TD)	200 / 500	%	ISO 527-1,3
7	Dart Drop Impact (50 µm blown film)	250	g	ASTM D1709
8	Vicat Softening Point (A50, 50°C/h, 10N)	94	°C	ISO 306
9	Haze (50 µm film)	<14	%	ASTM D1003
10	Gloss (60°, 50 µm film)	>50	—	ASTM D2457



Web: www.retrona.co

Mail: sales@retrona.co

Tell: +989962555933