



Technical Datasheet: LDPE 2420E

Product Description:

LDPE 2420E is a low density density polyethylene. It is a homo polymer with high clarity suitable for usage in cast, fine shrink and high clarity films.

Applications:

- General purpose
- Cast films
- Fine shrink films
- High clarity films

Typical data:

Property	Test method	Unit	value
Density	ISO 1183(A)	gr/ml	0.923±0.002
Melt Flow index (190°C/2.16kg) (45°)	ISO 1133	gr/10min	1.9±0.02
Impact Strength (23°C)	ASTM D 4272	kJ/m	26
Tear Strength TD	ISO 6383-2	kN/m	25
Tear Strength MD	ISO 6383-2	kN/m	60
Tensile test Yield Stress TD	ISO R527-1	MPa	11
Tensile test Yield Stress MD	-	MPa	12
Strain at break TD	ISO 527	%	>500
Strain at break MD	ISO 527	%	>200
Yield stress (TD)	ISO 527	MPa	11
Yield stress (MD)	ISO 527	MPa	13
Coefficient of friction	ASTM D1894	-	1
HAZE	ASTM 1003A	%	≤6.5
Gloss	ASTM D2457	%	55
Dart drop impact	ASTM 1709	g	>120
Fish eye	Internal	No./m ²	≤3

* Typical values not to be construed as specifications.