

LDPE 2420 D

1 Product Description:

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

2 Applications:

- Food Grade
- Bags & Pouches
- Bottles for Consumer Goods
- Shrink Film
- Blown Film
- Film

3 Processing Method:

- Blown Film
- Injection Moulding
- Extrusion Blow Moulding

4 Features:

Good Processability, Good Tear strength, Good Toughness

No.	Property	Value	Units	Test Method
1	Density	0.923	g/cm ³	ISO 1183
2	Melt flow rate (MFR) (190 °C /2.16Kg)	0.25	g/10 min	ISO 1133
3	Tensile Modulus	240	MPa	ISO 527-1, -2
4	Tensile Stress at Yield	10	MPa	ISO 527-1, -2
5	Tensile Strength MD/TD	27/20	MPa	ISO 527-1, -3
6	Tensile Strain at Break MD/TD	200/500	%	ISO 527-1, -3
7	Dart Drop Impact (50μ Blown Film)	250	g	ASTM D 1709
8	Vicat Softening Temperature	94	° C	ISO 306/A50
9	Haze (50μ)	<14	%	ASTM D 1003
10	Gloss (60 °, 50μ)	>50	-	ASTM D 2457
11	Shore Handness (Shore D)	48	-	ISO 868