

LDPE Lupolen 2420 D

Product Description

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

Applications

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

Processing Method

- Blown Film Injection
- Moulding Extrusion Blow
- Moulding

Features

Good Heat Seal, Optical, Good Processability, Good Melt Strength

Producer

Amir Kabir Petrochemical Company

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(50 blown film)	250	g	ASTM D 1709
8	Vicat softening temp(A50 (50 °C/h 10N))	94	°C	ISO 306
9	Haze (50)	<14	%	ASTM D 1003
10	Gloss (60°, 50)	>50		ASTM D 2457