

LDPE Lupolen 2420 D

Low Density Polyethylene (LDPE)

Product Description

Lupolen 2420 D is a non-additive, 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 Process ability, Good Tear strength, Good Toughness

PROPERTY	TYPICAL UNITS	TYPICAL VALUE	TEST METHOD
DENSITY	g/cm ³	0.923	ISO 1183
MELT FLOW RATE (MFR)(190°C/2.16KG)	g/10 min	0.25	ISO 1133
TENSILE MODULUS	MPa	240	ISO 527-1, -2
TENSILE STRESS AT YIELD	MPa	10	ISO 527-1, -2
TENSILE STRENGTH AT BREAK MD/TD	MPa	27/20	ISO 527-1, -3
TENSILE STRAIN AT BREAK MD/TD	%	200/500	ISO 527-1, -3
DART DROP IMPACT(50 BLOWN FILM)	g	250	ASTM D 1709
VICAT SOFTENING TEMP(A50 (50 °C/H 10N))	°C	94	ISO 306
HAZE (50)	%	<14	ASTM D 1003
GLOSS (60 °,50)		>50	ASTM D 2457

Producer: Amir Kabir Petrochemical Co.

Packing: 25 Kg plastic bag

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