

Technical Data Sheet

LDPE Lupolen 2420 D
Low Density Polyethylene

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

Properties	Value	Units	Test Method
Density	0.923	g/cm ³	ISO 1183
Melt flow rate (MFR)(190°C/2.16Kg)	0.25	g/10 min	ISO 1133
Tensile Modulus	240	MPa	ISO 527-1, -2
Tensile Stress at Yield	10	MPa	ISO 527-1, -2
Tensile Strength MD/TD	27/20	MPa	ISO 527-1, -3
Tensile Strain at Break MD/TD	200/500	%	ISO 527-1, -3
Dart Drop Impact (50 blown film)	250	g	ASTM D 1709
Vicat softening temp(A50 (50 °C/h 10N))	94	°C	ISO 306
Haze (50)	<14	%	ASTM D 1003
Gloss (60 °,50)	>50	-	ASTM D 2457