

Technical Datasheet

Lupolen 2420D

1) Product Description:

“LDPE(Lupolen 2420 D)is a non-additive material,low density Polyethylene.It is delivered in pellet form.GoodProcessability, Good tear strength, Good Toughnessare of great advantages.

2) Applications:

- ✓ Bags and pouches
- ✓ Bottles for consumer goods
- ✓ Shrink film
- ✓ Blown film
- ✓ Film

3) Processing method:

- ✓ Blown film
- ✓ Injection moulding
- ✓ Extrusion blow moulding

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/cm ³	0.923
Melt Flow Rate (MFR) (190°C/2.16 Kg)	ISO 1133	g/10 min	0.25
Tensile Modulus	ISO 527-1, -2	MPa	240
Tensile Stress at Yield	ISO 527-1, -2	MPa	10
Tensile Strength at break MD/TD	ISO 527-1, -3	MPa	27/20
Tensile strain at break MD/TD	ISO 527-1, -3	%	200/500
Dart Drop Impact (50 blown film)	ASTM D 1709	g	250
Vicat Softening temp (A50(50° C/h 10N))	ISO 306	°C	94
Haze (50)	ASTM D 1003	%	<14