

Technical Datasheet

Lupolen3020H

1) Product Description:

LDPE(Lupolen3020H)is a non additivated,low density Polyethylene with high rigidity, good opticals and good chemical resistance.It also provides good Heat Seal, Processability and good Stiffness. It is delivered in pellet form.

2) Applications:

- ✓ Bags and pouches
- ✓ Film and Shrink film
- ✓ Cast and Blown film
- ✓ Food packaging Film
- ✓ Surface Protection Film

3) Processing method:

- ✓ Cast film
- ✓ Blown Film

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/cm ³	0.927
Melt Flow Rate (MFR)(190°C/2.16 Kg)	ISO 1133	g/10 min	2.0
Tensile Modulus	ISO 527-1, -2	MPa	300
Tensile Stress at Yield	ISO 527-1, -2	MPa	13
Tensile Strength at break MD/TD	ISO 527-1, -3	MPa	25/18
Tensile strain at break MD/TD	ISO 527-1, -3	%	350/600
Dart Drop Impact (50 blown film)	ASTM D 1709	g	110
Vicat Softening temp (A50(50° C/h 10N))	ISO 306	°C	100
Haze (50)	ASTM D 1003	%	<6.5
Gloss (60°, 50)	ASTM D 2457		>110