

Technical Datasheet

Lupolen3020K

1) Product Description:

LDPE(Lupolen3020K)is a non-additivated,low density Polyethylene with high rigidity, good opticals and good chemical resistance.It is delivered in pellet form. It also offers Good Heat Seal, Good Processability, Good Stiffness

2) Applications:

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

3) Processing method:

- ✓ Cast Film
- ✓ Blown film
- ✓ Injection moulding

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	4.0
Tensile Modulus	ISO 527-1, -2	MPa	300
Tensile Stress at Yield	ISO 527-1, -2	MPa	13.0
Tensile Strength MD/TD	ISO 527-1, -3	MPa	20/15
Tensile strain at break MD/TD	ISO 527-1, -3	%	350/600
Dart Drop Impact (50 blown film)	ASTM D 1709	g	100
Vicat Softening temp (A50(50° C/h 10N))	ISO 306	°C	97
Haze (50)	ASTM D 1003	%	<6.5
Gloss (60°, 50)	ASTM D 2457		>115

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