



# LDPE Lupolen 3020K

## Product Datasheet

### 1 Product Description:

Lupolen 3020K is a non-additivated, low density Polyethylene with high rigidity, good opticals and good chemical resistance. It is delivered in pellet form.

### 2 Application:

- Lamination Film
- Cast & Blown Film
- Film & Shrink Film
- Food Packaging Film
- Surface Protection Film

### 3 Processing Method:

- Blown Film
- Cast Film
- Injection Moulding

### 4 Features:

Good Heat Seal, Opticals, Good Processability, Good Stiffness

No.	Property	Value	Units	Test Method
1	Density	0.927	g/cm <sup>3</sup>	ISO 1183
2	Melt Flow Rate (MFR)(190 C/2.16Kg)	4.0	g/10 min	ISO 1133
3	Tensile Modulus	300	MPa	ISO 527-1,-2
4	Tensile Stress at Yield	13.0	MPa	ISO 527-1,-2
5	Tensile Strength at Break MD/TD	20/15	MPa	ISO 527-1,-3
6	Tensile Strain at Break MD/TD	350/600	%	ISO 527-1,-3
7	Dart Drop Impact (50 blown film)	100	g	ASTM D 1709
8	Vicat Softening Temp (A50(50* C/h 10N))	97	C	ISO 306
9	Haze (50)	<6.5	%	ASTM D 1003
10	Gloss (60,50)	>115		ASTM D 2457