

# Technical Datasheet

## Lupolen 3020F

### 1) Product Description:

LDPE (Lupolen 3020F ) is a non-additivated, low density Polyethylene with high rigidity, good opticals and good chemical resistance. 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:

- ✓ Blown film

### 4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/cm <sup>3</sup>	0.927
Melt Flow Rate (MFR) (190°C/2.16 Kg)	ISO 1133	g/10 min	0.9
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	27/19
Tensile strain break MD/TD	ISO 527-1, -3	%	300/600
Dart Drop Impact (50 blown film)	ASTM D 1709	g	120
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		>100

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