

Stamylex® 1066 F

Low Density Polyethylene

Borealis AG

Message:

Stamylex® 1066 F is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler - Natta catalyst.

Features:

- excellent sealing properties
- high flex crack resistance
- excellent environmental stress crack resistance
- very low gel count

The main applications for Stamylex 1066 F include (liquid) food and detergent packaging films.

The grade is applied in coextrusion and can also be used as a sealing layer in extrusion coating structures.

General Information	
Features	Good Crack Resistance
	Good Flexibility
	Low Density
	Low Gel
Uses	Coating Applications
	Food Packaging
	Packaging
	Seals
Processing Method	Coextrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.919	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.6	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ISO 306/A
Melting Temperature	124	°C	ASTM D3418

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