

Malen E FGNX 23-D022

Low Density Polyethylene

LyondellBasell Industries

Message:

Malen E FGNX 23-D022 is suitable for manufacture of highly transparent, very fine films. ButBut also blow moulding or injection moulding is possible due its rheological feature.

Extruded films starting with a thickness of 25 microns exhibit very good mechanical properties and are notable for their high transparency and gloss. This product is not intended for use in medical and pharmaceutical applications.

General Information			
Features	Good Flow		
	Good Strength		
	High Gloss		
	Opticals		
Uses	Blow Molding Applications		
	Film		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blown Film		
	Extrusion Blow Molding		
	Injection Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.919 to 0.923	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.6 to 2.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	11.0	MPa	ISO 8986-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ISO 306

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