Braskem Idesa

Datasheet
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Low Density Polyethylene LDF0085

Description:

LDF0085 is a low density polyethylene. It has good optical properties and optimal processability. This resin has a very low gel amount to produce good appearance films.

Applications:

Medium-strength shrink films, diaper back sheet, medium-strength film for packaging of various products.

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	0.800
Density	ASTM D 792	g/cm³	0.923

Typical properties[1]

Feature	Method	Units	Values
Tensile Strength at Break MD/TD	ASTM D 882	MPa	27/20
Strain at Break MD/TD	ASTM D 882	%	285/590
Elasticity Modulus (Secant 1%) MD/TD	ASTM D 882	MPa	178/180
Elmendorf Tear Strength TD	ASTM D 1922	gF	250
Dart Drop Impact	ASTM D 1709/A	gF	160
Haze	ASTM D 1003	%	8

[1] Film properties tested with a monolayer 50 µm thickness blown film, blow up ratio: 2.8, die gap: 1.8 mm. MT=Machine direction, TD= Transversal direction. The optimum processing conditions will vary according to the type of equipment used and cannot be considered as performance guarantee.

Final Remarks

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