Braskem Idesa

Datasheet
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Low Density Polyethylene LDF2023

Description:

LDF2023 is a non-additivated low density polyethylene. It has good optical properties and excellent processability.

Applications:

bags and sacks, blown film, Flexible Packaging (Cast Films).

Processes:

Cast Film Extrusion., Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g/10 min	2
Density	ASTM D792	g/cm³	0.920

Typical properties[1]

Feature	Method	Units	Values
Tensile Strength at Break MD/TD	ASTM D 882	MPa	19/15
Strain at Break MD/TD	ASTM D 882	%	310/585
Elasticity Modulus (Secant 1%) MD/TD	ASTM D 882	MPa	150/160
Elmendorf Tear Strength TD	ASTM D 1922	gF	340
Dart Drop Impact	ASTM D 1709/A	gF	110
Haze	ASTM D 1003	%	4.9

[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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