Braskem

Datasheet
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Low Density Polyethylene EF2222

Description:

EF2222 is a low-density polyethylene (LDPE), with excellent processability and low gel content. Those features allow production of thin and highly uniform films.

Applications:

Technical Films for Lamination, Plain and embossed films for the production of diapers and wipes, Foamable compounds

Processes:

Extrusion Blow Molding, Cast Film Extrusion.

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.15
Density	D 792	g/cm³	0.922

Typicas Properties - Films:

Blow Film Reference Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	30/20
Elongation at Break (MD/TD)	D 882	%	490/1060
Flexural Modulus - 1% Secant	D 882	MPa	145/145
Dart Drop Impact	D 1709	g/F50	70
Elmendorf Tear Strength (MD/TD)	D 1922	gF	480/150
Haze	D 1003	%	6
Gloss - Angle 60°	D 2457	%	100

(a) Film of 70 µm thickness, obtained in a 75 mm extruder, with a blow ratio of 2: 1, a die opening of 1.0 mm. (DM = Direction of Extrusion and DT = Direction Transversal to Extrusion). (b) Not Determined.

Final Remarks

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2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
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