Braskem

Datasheet
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Linear Low Density Polyethylene LH537

Description:

LH537 is an ethylene alpha-olefin copolymer with a density lower than 0.94, that offers an excellent processability, stiffness and soft touch for flat die films. Very low gel contents.

Applications:

Hygienic absorbent, Diapers

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	4.8
Density	D 792	g/cm³	0.937

Typical Properties - Films:

Blown Film Properties[a]

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	30/30
Elongation at Break (MD/TD)	D 882	%	1320/1400
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	420/430
Dart Drop Impact	D 1709	g/F50	ND
Elmendorf Tear Strength (MD/TD)	D 1922	gF	20/30

(a) Film with 38 microns produce in a 40mm extruder and a blow-up ratio of 2.2:1. (MD = extrusion direction and TD = transversal direction).

Final Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
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.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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