Braskem

Datasheet
19/02/2026

Linear Low Density Polyethylene LF320

Description:

Braskem LF320 is an ethylene alpha-olefin copolymer with a density lower than 0.94, with butane copolymer, developed for cast film extrusion. Films obtained with this product show a good processing performance balanced with good optical and mechanical properties. It contains antioxidant additives.

Applications:

Stretch Films

Processes:

Cast Film Extrusion.

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.7
Density	D 792	g/cm³	0.919

Typical Properties - Films:

Blown Film Properties

Feature	Method	Units	Values
Highlight - Ultimate Test (1)(2)	D 4649	%	415
Highlight - Puncture (1)(2)	D 4649	kg	2.6
Highlight - Retention Maximum Force (1)(2)	D 4649	kg	3.0
Highlight - Retention Ending Force (1)(2)	D 4649	kg	2.1
Highlight - Retention Loss (1)(2)	D 4649	%	30
Highlight - Cling (1)(2)	D 4649	g	13
Highlight - Unwind Force (1)(2)	D 4649	kgf	3.0
Highlight - Sond level (1)(2)	D 4649	dB	74
Highlight - Elongation Force (1)(2)	D 4649	kgf	33
Haze	D 882	%	3
Brightness	D 882	%	94
Gloss - Angle 45º	D 2457	%	98

(1) 23µm thickness film, processed in a 3 layer coextruder (2) Highlight tested at 300%

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.
4. The information provided herein is of the date hereof and Braskem may update, revise or amend the information contained herein at any time and without previous notice. The Client/Purchaser shall consult www.braskem.com to verify any updates to this information.
5. For regulatory information associated with the Product and its source, please consult the Regulatory Information Sheet (RIS). For other requests, please contact Braskem's Technical Services area.
6. The information contained herein is provided based on the best of Braskem's knowledge, indicating typical values of the properties of the Product, and such values shall not be considered absolute or as a guarantee.