Braskem Flexus

Datasheet
24/10/2025

Linear Low Density Polyethylene FLEXUS 7200XP

Description:

Braskem FLEXUS 7200XP is an ethylene alpha-olefin copolymer with a density lower than 0.94, produced through metallocene catalyst with hexene copolymer. The resin have excellent mechanical properties and differentiated performance in optical properties.

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	3.5
Density	D 792	g/cm³	0.918

Typical Properties - Films:

Blown Film Properties

Feature	Method	Units	Values
Highlight - Ultimate Test (1)(2)	D 4649	%	380
Highlight - Puncture (1)(2)	D 4649	kg	3.2
Highlight - Retention Maximum Force (1)(2)	D 4649	kg	3.5
Highlight - Retention Ending Force (1)(2)	D 4649	kg	2.5
Highlight - Retention Loss (1)(2)	D 4649	%	39
Highlight - Cling (1)(2)	D 4649	g	16
Highlight - Unwind Force (1)(2)	D 4649	kgf	4.8
Highlight - Sond level (1)(2)	D 4649	dB	76
Highlight - Elongation Force (1)(2)	D 4649	kgf	37
Haze	D 882	%	2
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.
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