Braskem Flexus

Datasheet
24/03/2026

Linear Low Density Polyethylene FLEXUS 9212XP

Description:

Braskem FLEXUS 9212XP is an ethylene alpha-olefin copolymer with a density lower than 0.94, produced through metallocene catalyst which presents excellent impact and puncture strength, beyond a differential sealing performance comparing with another convencional LLDPE resins. It contains a special package of slip additives which allow better CoF control after lamination.

Additive:
-Slip package in high level
-Anti-blocking in medium level
-Processing Aids in medium Level

Applications:
High performance adhesive laminates for automatic packaging, General use packing, Coextrusion, Packing for solid products, Packing for liquid products

Processes:
Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.0
Density	D 792	g/cm³	0.917

Typical Properties - Films:
Blown Film Properties[a]

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	25/20
Elongation at Break (MD/TD)	D 882	%	740/820
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	170/180
Dart Drop Impact	D 1709	g/F50	320
Elmendorf Tear Strength (MD/TD)	D 1922	gF	290/790
Haze	D 1003	%	8
Gloss - Angle 45º	D 2457	-	80

(a) Film with 40 microns produce in a 75mm extruder with 10% of LDPE 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.
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.