Braskem Flexus

Datasheet
24/03/2026

Linear Low Density Polyethylene FLEXUS 9211

Description:

Braskem FLEXUS 9211 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.

Additive:

-Slip medium level
-Anti-blocking medium level
-Processing Aids medium level

Applications:

High performance films, General use packing, Packing for solid products, Packing for liquid products, Technical films for automatic packaging

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	30/20
Elongation at Break (MD/TD)	D 882	%	790/720
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	160/170
Dart Drop Impact	D 1709	g/F50	370
Elmendorf Tear Strength (MD/TD)	D 1922	gF	290/750
Haze	D 1003	%	5
Gloss - Angle 45º	D 2457	-	90

(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.
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