Braskem Flexus

Datasheet
24/03/2026

Linear Low Density Polyethylene FLEXUS 9200

Description:

Braskem FLEXUS 9200 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 processing aid and antioxidant additives.

Applications:

Industrial Sacks, Blends with LDPE, Blends with HDPE, General use packing, Liners

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1
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	40/30
Elongation at Break (MD/TD)	D 882	%	810/880
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	170/190
Dart Drop Impact	D 1709	g/F50	300
Elmendorf Tear Strength (MD/TD)	D 1922	gF	280/770
Haze	D 1003	%	4
Gloss - Angle 60º	D 2457	%	92

(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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