Braskem

Datasheet
19/02/2026

Linear Low Density Polyethylene HF2007

Description:

HF2007 is an ethylene alpha-olefin copolymer with a density lower than 0.94, developed for blown film extrusion. Films obtained with this product show high impact and puncture resistance. It contains processing aid and antioxidant additives.

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.73
Density	D 792	g/cm³	0.920

Typical Properties - Films:

Blown Film Properties[a]

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	45/40
Elongation at Break (MD/TD)	D 882	%	1260/1530
Haze (b)	D 1003	%	17
Gloss - Angle 45º (b)	D 2457	%	66

(a) Film with 100 microns produce in a 70mm extruder with 1,8 mm of die gap and a blow-up ratio of 2,2:1. (MD = extrusion direction and TD = transversal direction). (b) Film with 130 microns produce in a 70mm extruder with 1,8 mm of die gap 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.
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