Braskem

Datasheet
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Linear Low Density Polyethylene HF2208S3

Description:

The HF2208S3 resin is an ethylene alpha-olefin copolymer with a density lower than 0.94, developed for blown film extrusion with good mechanical properties.
Additive:
-Antioxidant
-Slip
-Anti-blocking
-Processing Aid

Applications:

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

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.75
Density	D 792	g/cm³	0.922

Typical Properties - Films:

Blown Film Properties[a]

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	45/30
Elongation at Break (MD/TD)	D 882	%	950/1150
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	210/240
Dart Drop Impact	D 1709	g/F50	400
Elmendorf Tear Strength (MD/TD)	D 1922	gF	150/840
Haze	D 1003	%	11
Gloss - Angle 45º	D 2457	%	70

(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.
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