Braskem

Datasheet
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Linear Low Density Polyethylene ML2400N

Description:

ML2400N is an ethylene alpha-olefin copolymer with a density lower than 0.94, with narrow molecular weight distribution. It presents good flexibility and low warpage.

Applications:

Houseware, large flat injection molded articles, Masterbatches, Caps

Processes:

General extrusion., Injection molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	20
Density	D 792	g/cm³	0.926

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	12
Tensile Strength at Break (a)	D 638	MPa	11
Flexural Modulus - 2% Secant (b)	D 2240	-	415
Hardness (c)	D 2240	-	49
Izod Impact Strength (b)	D 256	J/m	NB*
Deflection Temperature under Load at 0.455 MPa (b)	D 648	ºC	46
Vicat Softening Temperature at 10 N (b)	D 1525	°C	94

[1] Test specimens from compression molded plaque according to ASTM D4703. Plaque Thickness: a) 2mm. b) 3mm c) 6mm. NB = No break.

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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