Braskem

Datasheet
27/08/2019

Linear Low Density Polyethylene M2520

Description:

M2520 is an ethylene alpha-olefin copolymer with a density lower than 0.94, produced with metallocene catalyst. It presents excellent processability and mechanical propriety balance.

Applications:

Houseware, Parts with high mechanical resistance, Masterbatches, Caps

Processes:

Injection molding, Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	25
Density	D 792	g/cm³	0.919

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	ASTM D 638	MPa	12
Elongation at Yield (a)	ASTM D 638	%	15
Tensile Strength at Break (a)	ASTM D 638	MPa	24
Elongation at Break (a)	ASTM D 638	%	1513
Flexural Modulus - 2% Secant (b)	ASTM D 790	MPa	332
Hardness (c)	ASTM D 2240	-	50
Izod Impact Strength (b)	ASTM D 256	J/m	NB
Deflection Temperature under Load at 0.455 MPa (b)	ASTM D 648	°C	45
Vicat Softening Temperature at 10 N (b)	ASTM D 1525	°C	101

[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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