


Datasheet

27/08/2019

Linear Low Density Polyethylene M2520
Description:

M2520 is a linear low density polyethylene, 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 (when used as masterbatch)

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	25
Density	D 792	g/cm ³	0.919

Typical Properties - Plaque¹:

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 - 1% Secant (b)	ASTM D 790	MPa	332
Shore D 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. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.