Braskem

Datasheet
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Low Density Polyethylene LD5000A

Description:

LD5000A is a low density polyethylene (LDPE), with good mechanical properties and high flexibility. Contain no additives.

Applications:

Blends with HDPE, Squeeze packaging, Blow molding small volumes

Processes:

Injection blow molding, Extrusion Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.4
Density	D 792	g/cm³	0.921

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	10
Tensile Strength at Break (a)	D 638	MPa	15
Deflection Temperature under Load at 0.455 MPa (b)	D 648	ºC	45

[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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