Braskem

Datasheet
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Linear Low Density Polyethylene IC32

Description:

IC32 is an ethylene alpha-olefin copolymer with a density lower than 0.94, with narrow molecular weight, for injection molding. It offers good fluidity, great flexibility, tenacity and low warpage.

Applications:

Masterbatches, large flat injection molded articles, Houseware, Caps

Processes:

General extrusion., Injection molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	29
Density	D 792	g/cm³	0.924

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	9
Flexural Modulus - 2% Secant (b)	D 2240	-	350
Hardness (c)	D 2240	-	51
Izod Impact Strength (b)	D 256	J/m	NB*
Deflection Temperature under Load at 0.455 MPa (b)	D 648	ºC	45
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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