Braskem

Datasheet
12/12/2025

High Density Polyethylene HC7260LS-L

Description:

HD7255LS-L is a high density polyethylene developed for injection molding. It offers excellent processability and good mechanical properties.

Additivation:

Light Stabilizer.

Applications:

Houseware, pallet, boxes and crates, Caps, Industrial crates

Processes:

Injection molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	7.2
Density	D 792	g/cm³	0.959

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	30
Tensile Strength at Break (a)	D 638	MPa	18
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	1375
Hardness (c)	D 2240	-	60
Izod Impact Strength (b)	D 256	J/m	35
Deflection Temperature under Load at 0.455 MPa (b)	D 648	°C	73
Vicat Softening Temperature at 10 N (b)	D 1525	°C	125

[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.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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