Datasheet
MAR/2025

High Density Polyethylene SHA7260

Description:

SHA7260 is a high-density polyethylene, developed for the injection molding, easy to process and with high productivity. This resin has a good melt flow with high rigidity and hardness. Its narrow molar mass distribution results in a low tendency to warpage. The minimum biobased carbon content of this grade is 94%, determined according to ASTM D6866.

Applications:

Caps, Thin wall parts, Houseware, toys

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	20
Density	D 792	g/cm³	0.955

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Break (a)	ASTM D 638	MPa	26
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	1250
Hardness (c)	D 2240	-	60
Izod Impact Strength (b)	D 256	J/m	20
Deflection Temperature under Load at 0.455 MPa (b)	D 648	°C	67
Vicat Softening Temperature at 10 N (b)	D 1525	°C	121

[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.
4. The information provided herein is of the date hereof and Braskem may update, revise or amend the information contained herein at any time and without previous notice. The Client/Purchaser shall consult www.braskem.com to verify any updates to this information.
5. For regulatory information associated with the Product and its source, please consult the Regulatory Information Sheet (RIS). For other requests, please contact Braskem's Technical Services area.
6. The information contained herein is provided based on the best of Braskem's knowledge, indicating typical values of the properties of the Product, and such values shall not be considered absolute or as a guarantee.