Braskem I'm green BIO-BASED & RECYCLED

Datasheet
JUN 2023

High Density Polyethylene DA055A

Description:

DA055A is a high density polyethylene and it is obtained from **post-consumer** packaging with a concentration of **70% recycled material and 30% resin from renewable sources** (Low carbon footprint solution). This product color is **white**.

Applications:

Blow molding, Bottles general purpose

Processes:

Extrusion Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	0.27
Melt Flow Rate (190°C/21.6kg)	ASTM D 1238	g/10 min	26
Density	ASTM D 792	g/cm³	0.962

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	1100
Izod Impact Strength (b)	ASTM D 256	J/m	77

[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. As expected of a recycled material, the composition of this product is not entirely known and may vary. This product has not been tested by Braskem, being client's sole responsibility to verify the product's suitability for the intended use. Braskem is not responsible for any use of this product in discordance with the applicable legislation.
2. This product is not intended for medical and pharmaceutical applications, food contact, contact with drinking water and toys. This product has not been assessed with regards to cosmetics regulations. Braskem does not make any warranties of merchantability or suitability of the product for a particular purpose or for a particular sector, sectors not mentioned above are not expressly or implicitly recommended. It is client's sole responsibility to verify the product's suitability for their intended use.
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