Braskem

Datasheet
Jan/2021

High-density Polyethylene DA054B

Description:

DA054B high density polyethylene is obtained from **post-consumer** packaging originating from lubricating oil, and it has a concentration of **40% recycled material**. This product is **black** in color

Applications:

Blow molding small volumes, Lubricanting oil packaging

Processes:

Extrusion Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	0.3
Melt Flow Rate (190°C/21.6kg)	ASTM D 1238	g/10 min	28
Density	ASTM D 792	g/cm³	0.955

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	1050
Izod Impact Strength (b)	ASTM D 256	J/m	40

[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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