

**High-density Polyethylene DA054B****Description:**

DA054B high density polyethylene is based on the **reverse logistics** of post-consumer packaging with a concentration of **40% recycled material**. This product is **black** in color

Applications:

Blow molding small volumes, Lubricating 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/cm ³	0.955

Typical Properties - Plaque¹:

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. Braskem informs this is a recycled product, which composition is not entirely known and may vary, as expected for recycled products. 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.
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