


Datasheet

Jan/2021

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:

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