


Datasheet
 Jun/2020

High Density Polyethylene RGR 7A2 WE

Description:

High density polyethylene **RGR 7A2 WE** is obtained by reverse logistics of post-consumer recycled polymer. The grade RGR 7A2 WE contains 70% of PCR and 30% of sustainable I'm Green resin, available in white colour (Carbon Neutral).

Applications:

Blow molding

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/cm ³	0.962

Typical Properties - Plaque¹:

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:

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