



Datasheet

26/12/2018

High Density Polyethylene GM8260**Description:**

GM 8260 is a high density polyethylene, homopolymer that has high molecular weight, developed for the blow molding segment of large volumes.

Applications:

Jerrycans, Lubricating oil packaging

Processes:

Extrusion Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/5kg)	D 1238	g/10 min	0.42
Melt Flow Rate (190°C/21.6kg)	D 1238	g/10 min	12
Density	D 792	g/cm ³	0.960

Typical Properties - Plaque¹:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Break (a)	D 638	MPa	35
Flexural Modulus - 1% Secant (b)	D 790	MPa	1350
Izod Impact Strength (b)	D 256	J/m	330
Environmental Stress Cracking Resistance - notch 0,3 mm; 50°C; 100% Igepal CO630 (a)	D 1693	h/F50	27
Deflection Temperature under Load at 0.455 MPa (b)	D 648	°C	75

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. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.