Braskem

Datasheet
26/12/2018

High Density Polyethylene HD9601C

Description:

HD9601C is a High Density Polyethylene and high molecular weight suitable for large part blown molded. It offers high ESCR, with excellent balance of hardness and impact strength.

Applications:

Blow molding large volumes, Packaging of 20 liters to 100 liters for chemicals, domestic and industrial products, Packaging of 20 liters to 100 liters for food products

Processes:

Blow Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/5kg)	D 1238	g/10 min	0.18
Melt Flow Rate (190°C/21.6kg)	D 1238	g/10 min	6.0
Density	D 792	g/cm³	0.955

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	30
Tensile Strength at Break (a)	D 638	MPa	35
Flexural Modulus - 1% Secant (b)	D 790	MPa	1250
Impact Strenght Charpy -40°C (b)	D 6110	J/m	NB
Environmental Stress Cracking Resistance - notch 0,3 mm; 50°C; 10% Igepal CO630 (a)	D 1693	h/F50	>250
Deflection Temperature under Load at 0.455 MPa (b)	D 648	°C	70

[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.