Braskem

**Datasheet**
26/12/2018

# Low Density Polyethylene PB208

## Description:

PB208 is a low density polyethylene with excellent processability and indicated for low viscosity required applications. Injection molded products with this resin show high flexibility.

## Applications:

Bungs, Caps, Flexible injection molded articles, Masterbatches

## Processes:

Extrusion, Injection Molding

## Control Properties:

| Feature | Method | Units | Values |
|---|---|---|---|
| Melt Flow Rate (190°C/2.16kg) | D 1238 | g/10 min | 22 |
| Density | D 1505 | g/cm³ | 0.923 |

## Typical Properties - Plaque[1]:

Plaque Properties

| Feature | Method | Units | Values |
|---|---|---|---|
| Tensile Strength at Yield (a) | D 638 | MPa | 10 |
| Tensile Strength at Break (a) | D 638 | MPa | 8 |
| Flexural Modulus - 1% Secant (b) | D 2240 | - | 250 |
| Shore D Hardness (c) | D 2240 | - | 45 |
| Izod Impact Strength (b) | D 256 | J/m | NB* |
| Deflection Temperature under Load at 0.455 MPa (b) | D 648 | ºC | 42 |
| Vicat Softening Temperature at 10 N (b) | D 1525 | °C | 87 |

[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.