

## Low Density Polyethylene PB682

### Description:

PB682 is a low density polyethylene (LDPE), produced under high pressure technology. The end products molded with this resin present good dimensional stability and high flexibility.

### Applications:

Injection blow molding and Medium mechanical strength film

### Process:

Blow molding.

### Control Properties:

	ASTM Method	Units	Values
Melt Flow Rate (190/2.16)	D 1238	g/10 min	1.9
Density	D 1505	g/cm <sup>3</sup>	0.921

### Properties:

Plaque Properties<sup>a</sup>

	ASTM Method	Units	Values
Tensile Strength at Break	D 638	MPa	12
Vicat Softening Temperature at 10 N	D 1525	°C	89

(a) Test specimens prepared from compression molded sheet made according to ASTM D 4703.

### Final Remarks:

1. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drug Administration in force on the date of publication of this specification.
2. 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.
3. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
4. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
5. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. Cas Registry number: 9002-88-4.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.
7. Braskem does not recommend this grade for plastic containers of physiological saline and/or parenterally administered drugs.
8. The content of this Data Sheet replaces previous revisions published for this product.
9. This resin does not contain the substance Bisphenol A (BPA, CAS # No. 80-05-7) in its composition.