

Low Density Polyethylene LDI7022**Description:**

LDI7022 is a low density polyethylene produced at high pressure condition in tubular reactor. Products molded with this resin exhibit high flexibility.

Applications:

Lids and Caps, Household Items. Injection molded parts of large flat area.

Process:

Injection Molding.

Control Properties:

	Method	Units	Values
Melt Flow Rate (190°C/2.16Kg)	D 1238	g/10 min	7
Density	D 792	g/cm ³	0.922

Typical Properties¹:

	Method	Units	Values
Tensile Strength at Break	ASTM D638	MPa	12
Elongation at Break	ASTM D638	MPa	125
Flexural modulus, secant method at 1%	ASTM D638	MPa	360
Vicat Softening Point at 10N	ASTM D1525	°C	97
Heat Deflection Temperature (0.455 MPa)	ASTM D648	°C	89

¹ Test specimens from compression molded plaque according to ASTM D4703

Final Observations:

1. The information in this document is provided in good faith and reflects typical values obtained in our laboratories and should not be considered as absolute nor warranted. Only the properties and values mentioned on the Certificate of Quality are considered as product warranty.
2. In some applications, Braskem IDESA has developed resins well-tailored to meet specific requirements.
3. In case of doubts regarding our product use or for other applications, please contact our Braskem IDESA technical services serviciostecnicos@braskem.com
4. For information about safety, handling, individual protection equipment, first aid and disposal, consult the Safety Data Sheet (SDS) or please contact our Braskem IDESA safety team product.safety@braskem.com. CAS Number: 9002-88-4.
5. The values reported in this document may change without Braskem IDESA previous communication.
6. Braskem IDESA does not recommend the use of this product for the manufacture of packages, parts or any other product used for storage or contact with parenteral solution nor with the inside of the human body.
7. The content of this Product Data Sheet replaces the one issued previously.