Low Density Polyethylene LDI2020

Description:

The resin LDI2020 is a low density polyethylene produced at high pressure condition in tubular reactor, designed for injection molding. Products molded with this resin have a good balance between stiffness, smoothness, dimensional stability and processability.

Applications:

Caps, Large flat injection molded articles

Processes:

Injection Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g/10 min	20
Density	ASTM D792	g/cm³	0.920

Typical Properties[1]

Feature	Method	Units	Values
Tensile Strength at Break	ASTM D638	MPa	10
Elongation at Break	ASTM D638	%	90
Elasticity Modulus (Secant 1%)	ASTM D638	MPa	290
Heat Deflection Temperature (0.455 MPa)	ASTM D648	°C	85
Vicat Softening Point (10 N)	ASTM D1525	°C	45

[1] Test specimens from compression molded plaque according to ASTM D4703.

[2] Condition B.

[3] Test temperature at 23°C.

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 application, Braskem IDESA has developed resins well-tailored to meet specific requirements.
3. In case of doubts regarding our product use for other applications, please contact our Braskem IDESA technical services serviciostecnicos@braskem.com
4. For information about safety, handling, individual protection equipment, first aid 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 communication.
6. Braskem IDESA does not recommended the use of this product for the manufacture of packages, parts or any other used 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.