

Low Density Polyethylene LDF6522**Description:**

LDF6522 resin is a low density polyethylene designed for cast extrusion and injection molding sectors. It is used for flexible packaging and cardboard coating. It offers low neck in and optimum extrusion speed (Draw down). This resin meets U.S. FDA 21 CFR 177.1520.

Applications:

Extrusion Coating, Caps Injection, Masterbatch, Packaging for snacks, juices and condiments.

Process:

Cast Film Extrusion.
Injection molding.

Control Properties:

	ASTM Method	Units	Values
Melt Flow Rate (190°C/2.16 kg)	D 1238	g/10 min	6.5
Density	D 792	g/cm ³	0.922

Typical Properties¹:

Reference properties of blown film²

	ASTM Method	Units	Values
Tensile Strength at Yield	D 638	MPa	11.2
Elongation at Break	D 638	%	525
Flexural Modulus	D 790	MPa	210
Hardness (Shore D)	D 2240	-	50
Vicat Softening Temperature	D 1525	°C	85

¹ Typical properties vary within specification limits. Values based on the grade Braskem Idesa BE0718.

² The technical information is based on the properties of a blown film of 1.25 mm thick and all data are reference values.

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 serviciotecnicos@braskem.com
4. For information about safety, handling, individual protection equipment, first aid and disposal, consult the Material Safety Data Sheet (MSDS). 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. This resin does not contain the substance Bisphenol A (BPA, CAS#80-05-7) in its composition.
8. The content of this Product Data Sheet replaces the one issued previously.