


Technical Data Sheet
 Revision 01 (December/17)

Low Density Polyethylene LDF2526

Description:

LDF2526 is a low density polyethylene developed specially for automatic overwrap packaging. This resin has a combination of good optical properties and excellent stiffness.

Applications:

Films for automatic overwrap packaging of hygiene markets. Typical applications are toilet tissue, kitchen paper, and napkin (paper products) overwrap.
 Laminated films for food packaging with (PP or BOPP), for products such as coffee, crackers, and powder milk.
 Films which require good optical properties aligned with high stiffness.

Process:

Blown film extrusion

Control Properties:

	Method	Units	Values
Melt Flow Rate (190°C/2.16Kg)	ASTM D1238	g/10 min	2.5
Density	ASTM D792	g/cm ³	0.927

Typical Properties¹:

	Method	Units	Values
Tensile Strength at Break, MD/TD	ASTM D882	MPa	26/17
Elongation at Break, MD/TD	ASTM D882	%	352/560
Flexural modulus, secant method at 1%, MD/TD	ASTM D882	MPa	205/214
Elmendorf Tear Strength, TD	ASTM D1922	gF	385
Dart drop impact	ASTM D1709	gF	<70
Haze	-	%	4

¹ Film properties tested with a monolayer 30 µm thickness blown film, blow up ratio: 2.7, die gap: 1.8 mm. MT=Machine direction, TD= Transversal direction. The optimum processing conditions will vary according to the type of equipment used and cannot be considered as performance guarantee.

Final Observations:

- 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.
- In some applications, Braskem IDESA has developed resins well-tailored to meet specific requirements.
- In case of doubts regarding our product use or for other applications, please contact our Braskem IDESA technical services serviciotecnico@braskem.com
- 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.
- The values reported in this document may change without Braskem IDESA previous communication.
- 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.
- The content of this Product Data Sheet replaces the one issued previously.