Braskem Idesa

Datasheet
(Jnauary, 2026)

Low Density Polyethylene LDF2023S1

Description:
LDF2023S1 is a low density polyethylene which contains slip and antiblock additives. It has good optical properties and excellent processability.

Additives:
Slip 500 ppm, antiblock 750 ppm.

Applications:
Shrink film., bags and sacks, blown film, Flexible Packaging (Cast Films).

Processes:
Cast Film Extrusion., Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g/10 min	2
Density	ASTM D792	g/cm³	0.920

Typical properties[1]

Feature	Method	Units	Values
Tensile Strength at Break MD/TD	ASTM D 882	MPa	19/15
Strain at Break MD/TD	ASTM D 882	%	310/585
Elasticity Modulus (Secant 1%) MD/TD	ASTM D 882	MPa	150/160
Elmendorf Tear Strength TD	ASTM D 1922	gF	340
Dart Drop Impact	ASTM D 1709/A	gF	110
Haze	ASTM D 1003	%	5.1

[1] Film properties tested with a monolayer 50 µm thickness blown film, blow up ratio: 2.8, 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 Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
4. The information provided herein is of the date hereof and Braskem may update, revise or amend the information contained herein at any time and without previous notice. The Client/Purchaser shall consult www.braskem.com to verify any updates to this information.
5. For regulatory information associated with the Product and its source, please consult the Regulatory Information Sheet (RIS). For other requests, please contact Braskem's Technical Services area.
6. The information contained herein is provided based on the best of Braskem's knowledge, indicating typical values of the properties of the Product, and such values shall not be considered absolute or as a guarantee.