

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.

Applications:

Bags and sacks, Shrink Film, Blown Film, Cast Film and Food Packaging Films.

Process:

Blown Film, Cast Film.

Control Properties:

	Test Method	Units	Values
Melt Flow Rate (190°C/2.16Kg)	ISO 1133	g/10 min	2
Density	ISO 1183	g/cm ³	0.923

Typical Properties¹:

	Test Method	Units	Values
Tensile Stress at Yield	ISO 527-2	MPa	11
Tensile Strength at Break	ISO 527-3	%	600
Haze (50µm)	D 1003	%	<9
Dart Drop Impact	D 1709	g	110
Tensile Modulus	ISO 527-2	MPa	260
Vicat Softening Temperature	ISO 306/A50	°C	94
Gloss 20°	D 2457	%	>50
Gloss 60°	D 2457	%	>100

¹ Typical properties vary within specification limits. Values based on the grade LYONDELLBASELL 2426H.

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 Safety Data Sheet (SDS). 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.