

**Technical Data Sheet**  
Revision 01 (December/17)**Low Density Polyethylene LDF2723S1****Description:**

LDF2723S1 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:**

|                               | Method | Units             | Values |
|-------------------------------|--------|-------------------|--------|
| Melt Flow Rate (190°C/2.16Kg) | D 1238 | g/10 min          | 2.7    |
| Density                       | D 1505 | g/cm <sup>3</sup> | 0.923  |

**Typical Properties<sup>1</sup>:**

|                                   | Method | Units            | Values   |
|-----------------------------------|--------|------------------|----------|
| Tensile Strength at Break (MD/TD) | D 882  | MPa              | 25/20    |
| Elongation (MD/TD)                | D 882  | %                | 350/1050 |
| Dart Drop Impact                  | D 1709 | gF <sub>50</sub> | 80       |
| Elmendorf Tear Strength (MD/TD)   | D 1922 | gF               | 580/210  |
| Haze                              | D 1003 | %                | <8       |
| Gloss 60°                         | D 2457 | %                | >74      |

<sup>1</sup> Typical properties vary within specification limits. Values based on the grade Braskem EB853/72. 38 µm thickness film, processed in a 75 mm blow film line, with 2:1 blow up ratio and a 1.0 mm die gap (MD=Machine Direction, TD=Transversal Direction).

**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 [serviciotecnico@braskem.com](mailto:serviciotecnico@braskem.com)
4. 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](mailto:product.safety@braskem.com). 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. The content of this Product Data Sheet replaces the one issued previously.