



## Datasheet

07/12/2020

**Low Density Polyethylene SEB853/72****Description:**

SEB853/72 is a grade produced under high pressure technology. Films obtained with this product show outstanding optical properties, good sealability, and low gel amount. The minimum carbon biobased content of this grade is 95%, determined according to ASTM D6866.

**Aditivação:**

Slip, Antiblock.

**Applications:**

High transparency films, Automatic packaging

**Control Properties:**

| Feature                       | 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 - Films:**

Blown Film Properties (a)

| Feature                           | Method | Units | Values   |
|-----------------------------------|--------|-------|----------|
| Tensile Strength at Break (MD/TD) | D 882  | MPa   | 25/20    |
| Elongation at Break (MD/TD)       | D 882  | %     | 350/1050 |
| Dart Drop Impact                  | D 1709 | g/F50 | 70       |
| Elmendorf Tear Strength (MD/TD)   | D 1922 | gF    | 580/210  |
| Haze                              | D 1003 | %     | 7        |

(a) 40 µm thickness film in a 75mm screw diameter extruder with blow up ratio of 2.2:1. (MD: Machine Direction; TD: Transversal Direction)

**Final Remarks:**

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.