



Datasheet

01/23/2020

Low Density Polyethylene EF2222**Description:**

EF2222 is a low-density polyethylene (LDPE), with excellent processability and low gel content. Those features allow production of thin and highly uniform films.

Applications:

Technical Films for Lamination, Plain and embossed films for the production of diapers and wipes, Foamable compounds

Processes:

Extrusion Blow Molding, Cast film extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.15
Density	D 792	g/cm ³	0.922

Typical Properties - Films:

Blow Film Reference Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	30/20
Elongation at Break (MD/TD)	D 882	%	490/1060
Flexural Modulus - 1% Secant	D 882	MPa	145/145
Dart Drop Impact	D 1709	g/F50	70
Elmendorf Tear Strength (MD/TD)	D 1922	gF	480/150
Haze	D 1003	%	6
Gloss - Angle 60°	D 2457	%	100

(a) Film of 70 µm thickness, obtained in a 75 mm extruder, with a blow ratio of 2: 1, a die opening of 1.0 mm. (DM = Direction of Extrusion and DT = Direction Transversal to Extrusion). (b) Not Determined.

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.