Braskem

Datasheet
26/12/2018

Low Density Polyethylene LD7001A

Description:

LD7001A is a Low Density Polyethylene produced by High Pressure Process, in Autoclave reactor. Developed for the manufacturing of extruded films. It has high mechanical and impact strength, good processability, high ESCR and good shrinkage.

Additivation:

- Antiblocking

- Slip agent

Applications:

Blends with HDPE

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.34
Density	D 792	g/cm³	0.921

Typicas Properties - Films:

Blow Film Reference Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	25/25
Elongation at Break (MD/TD)	D 882	%	320/880
Dart Drop Impact	D 1709	g/F50	350
Elmendorf Tear Strength (MD/TD)	D 1922	gF	ND(b)/250
Haze	D 1003	%	12
Gloss - Angle 60º	D 2457	%	77

(a) Film of 70 µm thickness, obtained in a 40 mm extruder, with a blow ratio of 2.2: 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.