


Datasheet

26/12/2018

Linear Low Density Polyethylene LF1020/21AF
Description:

LF1020/21AF is a Linear Low Density Polyethylene, with good balance of mechanical properties, processing performance and sealability. Additive: -Slip Medium -Antiblocking Medium -Processing Aid Medium

Applications:

Blends with HDPE, Blends with LDPE, Technical films, Technical films for automatic packaging

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.0
Density	D 792	g/cm ³	0.919

Typical Properties - Films:

Blown Film Properties^a

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	35/30
Elongation at Break (MD/TD)	D 882	%	920/1200
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	170/190
Dart Drop Impact	D 1709	g/F50	190
Elmendorf Tear Strength (MD/TD)	D 1922	gF	100/850
Haze	D 1003	%	12
Gloss - Angle 45°	D 2457	%	70

(a) Film with 40 microns produce in a 75mm extruder with 10% of LDPE and a blow-up ratio of 2.2:1. (MD = extrusion direction and 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.