


Data Sheet

26/12/2018

Linear Low Density Polyethylene LHB118/21AF
Description:

LHB118/21 AF is a LLDPE copolymer produced by Braskem. It is a ready-to-use product since it contains 10% LDPE. Its additive package was optimized to avoid blocking, even at low thickness. Film obtained from this grade show very good mechanical properties and a good balance between sealability and processability. Very low gel amount. Additive: -Processing Aid Medium - Antioxidants Medium -Slip Medium -Antiblocking High

Control Properties:

Characteristic	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.0
Density	D 792	g/cm ³	0.918

Typical Properties - Films:

Blown Film Properties^a

Characteristic	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	40/30
Elongation at Break (MD/TD)	D 882	%	1000/1280
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	180/210
Dart Drop Impact	D 1709	g/F50	100
Elmendorf Tear Strength (MD/TD)	D 1922	gF	80/560
Haze	D 1003	%	12
Gloss - Angle 60°	D 2457	%	98

(a) Film with 38 microns produce in a 40mm extruder 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.