



Datasheet

26/12/2018

Linear Low Density Polyethylene LH537

Description:

LH537 is a LLDPE that offers an excellent processability, stiffness and soft touch for flat die films. Very low gel contents.

Applications:

Hygienic absorbent, Diapers

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	4.8
Density	D 792	g/cm ³	0.937

Typical Properties - Films:

Blown Film Properties^a

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	30/30
Elongation at Break (MD/TD)	D 882	%	1320/1400
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	420/430
Dart Drop Impact	D 1709	g/F50	ND
Elmendorf Tear Strength (MD/TD)	D 1922	gF	20/30

(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.