


Data Sheet

05/01/2021

Linear Low Density Polyethylene FLEXUS 9200
Description:

Braskem FLEXUS 9200 is a linear low density polyethylene (LLDPE) produced through metallocene catalyst which presents excellent impact and puncture strength, beyond a differential sealing performance comparing with another typical LLDPE. It processing aid and antioxidant additives.

Applications:

Industrial Sacks, Blends with LDPE, Blends with HDPE, General use packing, Liners

Processes:

Blown Film Extrusion

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	0.917

Typical Properties - Films:

Blow film Properties (a)

Characteristic	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	40/45
Elongation at Break (MD/TD)	D 882	%	960/1090
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	170/190
Dart Drop Impact	D 1709	g/F50	1300
Elmendorf Tear Strength (MD/TD)	D 1922	gF	780/1820
Haze	D 1003	%	9
Gloss - Angle 60°	D 2457	%	100

(a) LDPE: 100 µm thick film, obtained from a 40 mm extruder, with blow up ratio of 2.2:1 (MD = Machine Direction and TD = Transversal Direction). (b) ND: Not Determined

Final Remarks:

- 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.
- For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
- For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.