


Datasheet

26/12/2018

Linear Low Density Polyethylene FLEXUS 9211

Description:

Braskem FLEXUS 9211 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.

Additive:

- Slip medium level
- Anti-blocking medium level
- Processing Aids medium level

Applications:

High performance films, General use packing, Packing for solid products, Packing for liquid products, Technical films for automatic packaging

Processes:

Blown Film Extrusion

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	0.917

Typical Properties - Films:

Blown Film Properties^a

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	35/25
Elongation at Break (MD/TD)	D 882	%	850/840
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	150/160
Dart Drop Impact	D 1709	g/F50	700
Elmendorf Tear Strength (MD/TD)	D 1922	gF	230/790
Haze	D 1003	%	7
Gloss - Angle 45°	D 2457	-	84

(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:

- 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.