


Datasheet

26/12/2018

Linear Low Density Polyethylene PLURIS 9300

Description:

PLURIS9300 is a Quateropolymer unique properties, such as high stiffness associated with toughness. It is easier to process than conventional LLDPE with the same melt index and shows very good bubble stability. Films obtained with this product have very low gel values. It contains processing Aid, antioxidant and antiblock additives.

Applications:

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

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.55
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	40/35
Elongation at Break (MD/TD)	D 882	%	1040/1280
Flexural Modulus - 1% Secant	D 882	MPa	240/300
Dart Drop Impact	D 1709	g/F50	325
Elmendorf Tear Strength (MD/TD)	D 1922	gF	480/2070
Haze	D 1003	%	25
Gloss - Angle 60°	D 2457	%	50

(a) 100 µm Film Gauge, obtained in 40 mm extruder, with 2:1 BUR. die gap 1.0 mm, (MD: Machine direction; 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.