


Datasheet

26/12/2018

Linear Low Density Polyethylene PROXESS2606
Description:

Braskem PROXESS2606 is a linear low density polyethylene (LLDPE) produced through metallocene catalyst and recommended to blown film extrusion. Films obtained with this grade exhibits high mechanical strength, better sealing, high transparency and comparable contraction levels. These properties make this product a versatile option for both monolayer and multilayer films.

Additives:

- Antioxidants
- Processing Aid

Applications:

Ice bag, Industrial Sacks, Mortar bag, Sandbag, Shrink film

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	0.6
Density	D 792	g/cm ³	0.926

Typical Properties - Films:

Blown Film Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	40/30
Elongation at Break (MD/TD)	D 882	%	1020/1090
Flexural Modulus - 1% Secant	D 882	MPa	240/250
Dart Drop Impact	D 1709	g/F50	560
Elmendorf Tear Strength (MD/TD)	D 1922	gF	480/1870
Haze	D 1003	%	12
Gloss - Angle 60°	D 2457	%	66

(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.