


Datasheet

11/04/2019

Linear Low Density Polyethylene PROXESS1509XP
Description:

PROXESS1509XP is a copolymer produced with a metallocene catalyst that exhibits excellent processability and has a special additive package that gives greater stability to COF after lamination.

Additives:

Antioxidant, Slip Agent, Antiblocking, Polymer Processing Aid

Applications:

Technical Films for Lamination, Technical films for automatic packaging, Coextrusion, Packing for liquid products

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	0.9
Density	ASTM D 792	g/cm ³	0.916

Typical Properties - Films:

Blown Film Properties^a

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	27/20
Elongation at Break (MD/TD)	D 882	%	640/760
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	135/140
Dart Drop Impact	D 1709	g/F50	1500
Elmendorf Tear Strength (MD/TD)	D 1922	gF	290/ -
Haze	D 1003	%	7
Gloss - Angle 45°	D 2457	%	76

(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.