Linear Low Density Polyethylene LF320

Description:

Braskem LF320 is a Linear Low Density Polyethylene, with butane copolymer, developed for cast film extrusion. Films obtained with this product show a good processing performance balanced with good optical and mechanical properties. It contains antioxidant additives.

Applications:

Stretch Films

Processes:

Cast film extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.7
Density	D 792	g/cm³	0.919

Typical Properties - Films:

Blown Film Properties

Feature	Method	Units	Values
Highlight - Ultimate Test (1)(2)	D 4649	%	415
Highlight - Puncture (1)(2)	D 4649	kg	2.6
Highlight - Retention Maximum Force (1)(2)	D 4649	kg	3.0
Highlight - Retention Ending Force (1)(2)	D 4649	kg	2.1
Highlight - Retention Loss (1)(2)	D 4649	%	30
Highlight - Cling (1)(2)	D 4649	g	13
Highlight - Unwind Force (1)(2)	D 4649	kgf	3.0
Highlight - Sond level (1)(2)	D 4649	dB	74
Highlight - Elongation Force (1)(2)	D 4649	kgf	33
Haze	D 882	%	3
Brightness	D 882	%	94
Gloss - Angle 45º	D 2457	%	98

(1) 23µm thickness film, processed in a 3 layer coextruder (2) Highlight tested at 300%

Final Remarks:

1. 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.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.