Linear Low Density Polyethylene PROXESS 3310

Description:

PROXESS3310 is a copolymer produced with metallocene catalyst with excellent processability, besides rigidity combined with good mechanical properties.

Applications:

Technical films, Coextrusion, Films for lamination, General use films

Processes:

Single Layer Tubular Film Extrusion and Coextrusion

Control Properties:

Characteristic	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	1
Density	ASTM D 792	g/cm³	0.933

Typical Properties - Films:

Blown Film Properties[a]

Characteristic	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	50/40
Elongation at Break (MD/TD)	D 882	%	980/1300
Tensile Modulus - 1% Secant (MD/TD)	D 882	MPa	400/450
Dart Drop Impact	D 1709	g/F50	90
Elmendorf Tear Strength (MD/TD)	D 1922	gF	60/940
Haze	D 1003	%	15
Gloss - Angle 45º	D 2457	%	60

(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:

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.