Braskem

Datasheet
10/11/2025

Low Density Polyethylene EF2126S3

Description:

EF2126S3 is a Low Density Polyethylene produced under high pressure conditions in an autoclave reactor. It offers excellent processability and optical properties.

Additives: This resin contains slip and antiblock additives

Applications:

General use films, Technical films for automatic packaging, Blends with LLDPE

Processes:

Blown Film Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.6
Density	D 792	g/cm³	0.921

Typicas Properties - Films:

Blow Film Reference Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	25/20
Elongation at Break (MD/TD)	D 882	%	290/1020
Flexural Modulus - 1% Secant	D 882	MPa	160/200
Dart Drop Impact	D 1709	g/F50	90
Elmendorf Tear Strength (MD/TD)	D 1922	gF	420/110
Haze	D 1003	%	12
Gloss - Angle 60°	D 2457	%	94

(a) Film of 70 µm thickness, obtained in a 75 mm extruder, with a blow ratio of 2: 1, a die opening of 1.0 mm. (DM = Direction of Extrusion and DT = Direction Transversal to Extrusion). (b) Not Determined.

Final Remarks

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