

Braskem PE SLL218/21

Linear Low Density Polyethylene

Braskem

Message:

Description:
SLL218/21 is a LLDPE Butene copolymer produced by Braskem. It was specially designed to provide outstanding processing performance. Films obtained with this grade show good physical and optical properties and enhanced sealability.
The minimum biobased content of this grade is 87%, determined according to ASTM D6866.

Additive:
Antiblocking Medium
Slip Medium

Applications:
Liners; LDPE and HDPE blends; general use packages; technical films for automatic packaging.

Process:
Blown and Cast Film Extrusion

General Information			
Features	Optical		
	Updatable resources		
	Compliance of Food Exposure		
Uses	Films		
	Mixing		
	Application in Automobile Field		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture, 38 µm	30.0	MPa	ASTM D882
TD: Fracture, 38 µm	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 38 µm	1100	%	ASTM D882
TD: Fracture, 38 µm	1400	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD : 38 µm	200	MPa	ASTM D790
1% Secant, TD : 38 µm	220	MPa	ASTM D790
Dart Drop Impact ¹	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD : 38 μm	140	g	ASTM D1922
TD : 38 μm	340	g	ASTM D1922
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	> 87	%	ASTM D6866
NOTE			
1.	F50		

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