

# Braskem PE SLL218/21

Linear Low Density Polyethylene

Braskem

## Message:

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			
Additive	Medium Antiblock		
	Medium Slip		
Features	BPA Free		
	Butene Comonomer		
	Copolymer		
	Food Contact Acceptable		
	Good Heat Seal		
	Good Processability		
	Medium Antiblocking		
	Medium Slip		
	Opticals		
Uses	Renewable Resource Content		
	Blending		
	Film		
	Liners		
Agency Ratings	Packaging		
	ASTM D 6866		
Processing Method	FDA 21 CFR 177.1520		
	Blown Film		
Physical	Film Extrusion		
	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ASTM D1505

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	μm	
Tensile Strength			ASTM D882
MD : Break, 38 μm,Blown Film	30.0	MPa	
TD : Break, 38 μm,Blown Film	30.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 μm,Blown Film	1100	%	
TD : Break, 38 μm,Blown Film	1400	%	
Flexural Modulus			ASTM D882
1% Secant, MD : 38 μm, Blown Film	200	MPa	
1% Secant, TD : 38 μm, Blown Film	220	MPa	
Dart Drop Impact <sup>1</sup> (38 μm, Blown Film)	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 38 μm, Blown Film	140	g	
TD : 38 μm, Blown Film	340	g	
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	> 87	%	ASTM D6866
NOTE			
1.	F50		

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#### Recommended distributors for this material

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