

# Braskem PE LL-218/21

Linear Low Density Polyethylene

Braskem

Message:

Description:  
LL218/21 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.

Additive:  
Antiblocking Medium  
Slip Médium

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

General Information	
Additive	Moderate caking resistance
	Moderate smoothness
Features	Low density
	Copolymer
	Optical
	Workability, good
	Moderate caking resistance
	Moderate smoothness
Uses	Packaging
	Films
	Mixing
	General
Agency Ratings	FDA 21 CFR 177.1520
Forms	Particle
Processing Method	Film extrusion
	Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm³	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
Film Thickness - Tested	38	µm	
Tensile Strength			ASTM D882
MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	30.0	MPa	ASTM D882

Tensile Elongation			ASTM D882
MD: Fracture	1100	%	ASTM D882
TD: Fracture	1400	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD	200	MPa	ASTM D790
1% Secant, TD	220	MPa	ASTM D790
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	340	g	ASTM D1922
Optical	Nominal Value		Test Method
Gloss (60°)	24		ASTM D2457
Extrusion instructions			

Blown Film Blow up ratio: 2.2:1

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#### Recommended distributors for this material

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