

# Braskem PE SLH0820/30AF

Linear Low Density Polyethylene

Braskem

## Message:

Description:  
SLH0820/30AF is a LLDPE hexene copolymer produced by Braskem. It offers outstanding processability combined with excellent mechanical properties.  
Very low gel amount.  
The minimum biobased content of this grade is 84%, determined according to ASTM D6866.

Additive:  
Slip Absent  
Processing Aid Medium  
Antiblocking High

Applications:  
Lamination  
Heavy duty bags  
Blends with LDPE and HDPE  
Valvulated heavy duty bags

General Information			
Additive	High caking resistance		
	Processing aid		
Features	Low speed solidification crystal point		
	Anti-caking property		
	Updatable resources		
	Compliance of Food Exposure		
Uses	Laminate		
	Mixing		
	Heavy packing bag		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Break, 25 µm	50.0	MPa	ASTM D882
TD: Break, 25 µm	40.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 25 µm	950	%	ASTM D882
TD: Break, 25 µm	1200	%	ASTM D882

Flexural Modulus			ASTM D790
1% Secant, MD : 25 µm	170	MPa	ASTM D790
1% Secant, TD : 25 µm	180	MPa	ASTM D790
Dart Drop Impact <sup>1</sup>	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	270	g	ASTM D1922
TD : 25 µm	500	g	ASTM D1922
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	> 84	%	ASTM D6866
Extrusion instructions			

#### Blown Films

Temperature Profile: from 180 to 210°C

Blow up Ratio: from 2 to 3:1

Die Gap: from 1.8 to 2.5 mm

Screen Package(Mesh): 40/40 - 100% pure

40/60/40 - blend

Mass temperature: 220°C (max 230°C)

#### NOTE

1. F50

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#### Recommended distributors for this material

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