

# Braskem PE LBH 0120 BPS

Linear Low Density Polyethylene

Braskem

## Message:

LBH0120BPS is a LLDPE Hexene copolymer produced by Braskem. It is a general purpose product that shows a good processing performance balanced with good optical and mechanical properties as well as sealability. Very low gel amount.

Additive:

Antiblocking

Slip

Processing Aid

Applications:

Automatic Packaging (FFS); liners; general purpose; HDPE and LDPE blends

General Information			
Additive	Processing aid		
	Anti-caking agent		
	slip agent		
Features	Low density		
	Low speed solidification crystal point		
	Copolymer		
	smoothness		
	hexene comonomer		
	Anti-caking property		
	Workability, good		
Uses	Compliance of Food Exposure		
	Packaging		
	Lining		
	Mixing		
Agency Ratings	General		
	FDA 21 CFR 177.1520		
	Particle		
Forms	Blow film		
	Extrusion		
Processing Method			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.75	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882

MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	20.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	880	%	ASTM D882
TD: Fracture	1100	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD	170	MPa	ASTM D790
1% Secant, TD	190	MPa	ASTM D790
Dart Drop Impact	180	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	310	g	ASTM D1922
TD	500	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	76		ASTM D2457
Haze	23	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180 - 200	°C	
Adapter Temperature	205	°C	
Die Temperature	210	°C	
Extrusion instructions			

Blown Film Extrusion-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: 40/40 - 100% pure  
40/60/40 - Blend  
-Mass Temperature: 190°C (max 210°C)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT