

## Braskem LBH0120PBS LLDPE Blown Film Extrusion Polyethylene Copolymer

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

### Material Notes:

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. It has a very low gel amount. It contains anitblocking, slip, and processing aid additives. Its applications include automatic packaging (FFS), liners, general purpose, and HDPE and LDPE blends.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-LBH0120PBS-LLDPE-Blown-Film-Extrusion-Polyethylene-Copolymer.php](http://www.lookpolymers.com/polymer_Braskem-LBH0120PBS-LLDPE-Blown-Film-Extrusion-Polyethylene-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in <sup>3</sup>	ASTM-D792
Melt Flow	0.75 g/10 min @Load 2.16 kg, Temperature 190 °C	0.75 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	880 %	880 %	ASTM-D882
Film Elongation at Break, TD	1140 %	1140 %	ASTM-D882
Elmendorf Tear Strength MD	310 g	310 g	ASTM-D1922
Elmendorf Tear Strength TD	500 g	500 g	ASTM-D1922
Elmendorf Tear Strength, MD	12.4 g/micron	315 g/mil	ASTM-D1922
Elmendorf Tear Strength, TD	20.0 g/micron	508 g/mil	ASTM-D1922
Dart Drop	7.20 g/micron	183 g/mil	ASTM-D1709
Dart Drop Test	180 g	0.397 lb	ASTM-D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ASTM-D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM-D882
1% Secant Modulus, MD	170 MPa	24700 psi	ASTM-D882
1% Secant Modulus, TD	190 MPa	27600 psi	ASTM-D882

Optical Properties	Metric	English	Comments
Haze	23 %	23 %	ASTM-D1003
Gloss	76 %	76 %	Angle 60°; ASTM-D2457

Optical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Die Opening	0.180 - 0.250 cm	0.0709 - 0.0984 in	Blown Film Extrusion
Blow-up Ratio (BUR)	2.0 - 3.0	2.0 - 3.0	Blown Film Extrusion

Descriptive Properties	Value	Comments
Mass Temperature (°C)	190-210	Blown Film Extrusion
Screen Package	40/40	100% pure
	40/60/40	Blend
Temperature Profile (°C)	180-210	Blown Film Extrusion

## Contact Songhan Plastic Technology Co.,Ltd.

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