

Halene H B6001L

High Density Polyethylene
Haldia Petrochemicals Ltd.

Message:

B6001L is a Blow Molding Grade HDPE produced by the Spherilene Technology.
This resin is particularly recommended for upto 20-liter containers for Lubricants and Edible oils.
B6001L combines exceptional processability with high rigidity, excellent mechanical properties and impact resistance.

General Information			
Features	Rigidity, high		
	Impact resistance, good		
Uses	Container		
	Food container		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Compression Molded)	32.0	MPa	ASTM D638
Tensile Elongation ³ (Break, Compression Molded)	> 900	%	ASTM D638
Flexural Modulus (Compression Molded)	1300	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Compression Molded)	350	J/m	ASTM D256A
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	165	°C	
Cylinder Zone 4 Temp.	175	°C	
Die Temperature	180 - 185	°C	
Extrusion instructions			
Parison Temperature: 185-190°C Cooling Water for Mold: 20-25°C			
NOTE			
1.	23°C		
2.	50 mm/min		
3.	50 mm/min		

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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

