

PROVISIONAL DATA SHEET

B6001L

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.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg at 190°C)	ASTM D 1238	g/10 min	0.50
Density (23°C)	ASTM D 1505	g/cm ³	0.960
Physical Property			
Tensile Strength at Yield	ASTM D 638	MPa	32
Elongation at Break	(50 mm/min)	%	>900
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	350
Flexural Modulus	ASTM D 790A	MPa	1300
Suggested Processing Conditions			
Barrel Temperature		°C	150/160/165/175
Die Temperature		°C	180-185
Parison Temperature		°C	185-190
Cooling Water for Mold		°C	20 – 25

* Halene H is the registered trademark of High Density Polyethylene of HPL

Mechanical properties are on specimens from compression molded sheets

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