

## HDPE Blow Molding Grade

# HIVOREX BL5200

### MAJOR CHARACTERISTICS

- ▶ High stiffness
- ▶ Excellent impact resistance
- ▶ Good resistance at low temp and chemicals resistance.

### PHYSICAL PROPERTIES

Properties	Test Method	Unit	BL5200
Melt Flow Rate at 190°C/2.16kg	ASTM D 1238	g/10min	0.35
Density	ASTM D 1505	g/cm <sup>3</sup>	0.962
Tensile Strength at Yield	ASTM D 638	kg/cm <sup>2</sup>	290
Elongation at Break	ASTM D 638	%	> 500
Flexural Modulus	ASTM D 790	kg/cm <sup>2</sup>	15,000
Low Temperature Brittleness	ASTM D 746	°C	< -80
IZOD Impact Strength at 23 °C	ASTM D 256	kg · cm/cm	60
VICAT Softening Point	ASTM D 1525	°C	125
ESCR	ASTM D 1693	F50HR	30

The figures indicated on the table are standard values.

### APPLICATIONS

- ▶ Suitable for bottle (small, medium) and industrial chemicals bottle, a toy.

PROCESSING CONDITIONS	PACKAGE
<ul style="list-style-type: none"> <li>▶ Processing temperature : 190~210°C</li> <li>▶ Compression Air : 4~10kgf/cm<sup>2</sup></li> <li>▶ Molding Temp : 20~50°C</li> </ul>	<ul style="list-style-type: none"> <li>▶ 25kg bag</li> <li>▶ 500kg flex-con bag</li> </ul>