



<b>Grade</b>	5220BN
<b>Product</b>	HDPE

### General Information

Key Features	<ul style="list-style-type: none"> <li>- For blow molding</li> <li>- High speed processability, Good ESCR</li> <li>- Good surface, Anti-static</li> </ul>
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Applications	Small containers (Shampoo, Bleach, Cosmetics)
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Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	0.35
Density	ASTM D1505	g/cm <sup>3</sup>	0.959
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	280
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	12,000
<b>Impact</b>			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	12
<b>Thermal</b>			
VICAT Softening Temperature	ASTM D1525	°C	123
<b>Additional Properties</b>			
ESCR	ASTM D1693	F50hr	400

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2021/10/01