

HDPE for Blow

# YUHWA HIDEN B500

**Features  
and Uses**

<b>Application</b>	HDPE for Blow
<b>Features</b>	Drawdown Resistance, Impact Resistance, Chemical Resistance
<b>Uses</b>	Mid&Large Containers (Industrial Parts), Medical Supply Containers

**Properties**

Items	Specification	Unit	Test Method
<b>Melt Index</b>	0.2	g/10min.	ASTM D1238
<b>Density</b>	0.958	g/cm <sup>3</sup>	ASTM D1505
<b>Mold Shrinkage</b>	1.5~2.5	%	KPIC Method
<b>Water Absorption</b>	<0.01	%	ASTM D570
<b>Tensile Strength at Yield</b>	310	kgf/cm <sup>2</sup>	ASTM D638
<b>Elongation at Break</b>	>500	%	ASTM D638
<b>Flexural Modulus</b>	10,500	kgf/cm <sup>2</sup>	ASTM D790
<b>Hardness (Rockwell)</b>	50	R Scale	ASTM D785
<b>Impact Strength (Izod with Notch)</b>	>50	kgf cm/cm	ASTM D256
<b>Environment Stress Cracking Resistance</b>	>300	hr. Cond. B. 10%	ASTM D1693
<b>Melting Point</b>	134	°C	ASTM D3418
<b>Softening Point (Vicat)</b>	122	°C	ASTM D1525
<b>Heat Deflection Temperature</b>	68	°C	ASTM D648
<b>Brittleness Temperature</b>	<-70	°C	ASTM D746

※ Above data are intended to serve as guides only, and are not sales specification limits.

**Contact  
Info.**

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