

HDPE for Blow

## YUHWA HIDEN B502

Features  
and Uses

Properties

<b>Application</b>	HDPE for Blow			
<b>Features</b>	Excellent Processability, Good Surface Property			
<b>Uses</b>	Mid&Large Containers (Industrial parts), Traffic Signs, Toys			
	<b>Items</b>	<b>Specification</b>	<b>Unit</b>	<b>Test Method</b>
	<b>Melt Index</b>	0.28	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>	320	kgf/cm <sup>2</sup>	ASTM D638
	<b>Elongation at Break</b>	>500	%	ASTM D638
	<b>Flexural Modulus</b>	12,000	kgf/cm <sup>2</sup>	ASTM D790
	<b>Hardness (Rockwell)</b>	51	R Scale	ASTM D785
	<b>Impact Strength (Izod with Notch)</b>	>50	kgf cm/cm	ASTM D256
	<b>Environment Stress Cracking Resistance</b>	30	hr. Cond. B. 10%	ASTM D1693
	<b>Melting Point</b>	135	°C	ASTM D3418
	<b>Softening Point (Vicat)</b>	126	°C	ASTM D1525
	<b>Heat Deflection Temperature</b>	71	°C	ASTM D648
	<b>Brittleness Temperature</b>	<-70	°C	ASTM D746