

HDPE for Blow

YUHWA HIDEN B500

Features
and Uses

Properties

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