



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/cm³	ASTM D1505
Mold Shrinkage		1.5~2.5	%	KPIC Method
Water Absorption		<0.01	%	ASTM D570
Tensile Strength at Yield		310	kgf/cm²	ASTM D638
Elongation at Break		>500	%	ASTM D638
Flexural Modulus		10,500	kgf/cm²	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