



HDPE for Injection

YUHWA HIDEN M850

Features
and Uses

Properties

Application	HDPE for Injection			
Features	High Stiffness, Impact Resistance			
Uses	Industrial Materials, General Articles, Containers			
Items	Specification	Unit	Test Method	
Melt Index	4.7	g/10min.	ASTM D1238	
Density	0.965	g/cm³	ASTM D1505	
Mold Shrinkage	1.5~2.5	%	KPIC Method	
Tensile Strength at Yield	280	kgf/cm²	ASTM D638	
Elongation at Break	>500	%	ASTM D638	
Flexural Modulus	13,000	kgf/cm²	ASTM D790	
Hardness (Rockwell)	56	R Scale	ASTM D785	
Impact Strength (Izod with Notch)	10	kgf cm/cm	ASTM D256	
Melting Point	135	℃	ASTM D3418	
Softening Point (Vicat)	126	℃	ASTM D1525	