



HDPE for Injection

YUHWA HIDEN M830

Features
and Uses

Properties

Application	HDPE for Injection		
Features	High Stiffness, Impact Resistance		
Uses	Industrial Parts, General Articles, Containers		
Items	Specification	Unit	Test Method
Melt Index	2.8	g/10min.	ASTM D1238
Density	0.962	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	12,000	kgf/cm²	ASTM D790
Hardness (Rockwell)	54	R Scale	ASTM D785
Impact Strength (Izod with Notch)	20	kgf cm/cm	ASTM D256
Melting Point	135	℃	ASTM D3418
Softening Point (Vicat)	125	℃	ASTM D1525