



HDPE for Injection

YUHWA HIDEN M680

Features
and Uses

Properties

Application	HDPE for Injection			
Features	Impact Resistance, High Flowability			
Uses	Silicon Cartridges, Picnic Tables, Bottle Caps			
Items	Specification	Unit	Test Method	
Melt Index	6	g/10min.	ASTM D1238	
Density	0.958	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)	55	R Scale	ASTM D785	
Impact Strength (Izod with Notch)	7	kgf cm/cm	ASTM D256	
Melting Point	135	℃	ASTM D3418	
Softening Point (Vicat)	124	℃	ASTM D1525	