

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/cm ³	ASTM D1505
	Mold Shrinkage	1.5~2.5	%	KPIC Method
	Tensile Strength at Yield	280	kgf/cm ²	ASTM D638
	Elongation at Break	>500	%	ASTM D638
	Flexural Modulus	12,000	kgf/cm ²	ASTM D790
	Hardness (Rockwell)	55	R Scale	ASTM D785
	Impact Strength (Izod with Notch)	7	kgf cm/cm	ASTM D256
	Melting Point	135	°C	ASTM D3418
	Softening Point (Vicat)	124	°C	ASTM D1525