

HDPE for Injection

YUHWA HIDEN HI835

Features
and Uses

Properties

Application	HDPE for Injection			
Features	High Stiffness, Low temperature impact resistance			
Uses	Frozen Product Containers			
	Items	Specification	Unit	Test Method
	Melt Index	3.5	g/10min.	ASTM D1238
	Density	0.964	g/cm ³	ASTM D1505
	Mold Shrinkage	1.5~2.5	%	KPIC Method
	Tensile Strength at Yield	270	kgf/cm ²	ASTM D638
	Elongation at Break	>700	%	ASTM D638
	Flexural Modulus	11,000	kgf/cm ²	ASTM D790
	Hardness (Rockwell)	71	R Scale	ASTM D785
	Impact Strength (Izod with Notch)	32	kgf cm/cm	ASTM D256
	Melting Point	135	°C	ASTM D3418
	Softening Point (Vicat)	125	°C	ASTM D1525