

HDPE for Yarn

YUHWA HIDEN HT306

Features
and Uses

Properties

Application	HDPE for Yarn			
Features	High Stretch, High Tenacity			
Uses	High-strength fibers (Fishing Nets, Ropes), Tarpaulin, Stretched Tapes			
	Items	Specification	Unit	Test Method
	Melt Index	0.6	g/10min.	ASTM D1238
	Density	0.960	g/cm ³	ASTM D1505
	Mold Shrinkage	1.5~2.5	%	KPIC Method
	Water Absorption	<0.01	%	ASTM D570
	Tensile Strength at Yield	300	kgf/cm ²	ASTM D638
	Elongation at Break	>500	%	ASTM D638
	Flexural Modulus	11,000	kgf/cm ²	ASTM D790
	Hardness (Rockwell)	54	R Scale	ASTM D785
	Impact Strength (Izod with Notch)	>50	kgf cm/cm	ASTM D256
	Melting Point	135	°C	ASTM D3418
	Softening Point (Vicat)	125	°C	ASTM D1525
	Heat Deflection Temperature	72	°C	ASTM D648
	Brittleness Temperature	<-70	°C	ASTM D746