

HDPE for Yarn

YUHWA HIDEN E308U

Features
and Uses

Properties

Application	HDPE for Yarn			
Features	Good Stretch, High Tenacity, Weatherability			
Uses	Shade Nets, Fishing Nets, Ropes, Stretched Tapes			
	Items	Specification	Unit	Test Method
	Melt Index	0.85	g/10min.	ASTM D1238
	Density	0.956	g/cm ³	ASTM D1505
	Mold Shrinkage	1.5~2.5	%	KPIC Method
	Water Absorption	<0.01	%	ASTM D570
	Tensile Strength at Yield	250	kgf/cm ²	ASTM D638
	Elongation at Break	>500	%	ASTM D638
	Flexural Modulus	9,000	kgf/cm ²	ASTM D790
	Hardness (Rockwell)	46	R Scale	ASTM D785
	Impact Strength (Izod with Notch)	>50	kgf cm/cm	ASTM D256
	Melting Point	134	°C	ASTM D3418
	Softening Point (Vicat)	123	°C	ASTM D1525
	Heat Deflection Temperature	69	°C	ASTM D648
	Brittleness Temperature	<-70	°C	ASTM D746