



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/cm³	ASTM D1505
Mold Shrinkage		1.5~2.5	%	KPIC Method
Water Absorption		<0.01	%	ASTM D570
Tensile Strength at Yield		250	kgf/cm²	ASTM D638
Elongation at Break		>500	%	ASTM D638
Flexural Modulus		9,000	kgf/cm²	ASTM D790
Hardness (Rockwell)		46	R Scale	ASTM D785
Impact Strength (Izod with Notch)		>50	kgf cm/cm	ASTM D256
Melting Point		134	℃	ASTM D3418
Softening Point (Vicat)		123	℃	ASTM D1525
Heat Deflection Temperature		69	℃	ASTM D648
Brittleness Temperature		<-70	℃	ASTM D746