

HDPE for Yarn

## YUHWA HIDEN E308T

Features  
and Uses

Properties

<b>Application</b>	HDPE for Yarn		
<b>Features</b>	Good Stretch, High Tenacity		
<b>Uses</b>	Stretched Tapes, Tarpaulin		
Items	Specification	Unit	Test Method
<b>Melt Index</b>	1	g/10min.	ASTM D1238
<b>Density</b>	0.956	g/cm <sup>3</sup>	ASTM D1505
<b>Mold Shrinkage</b>	1.5~2.5	%	KPIC Method
<b>Water Absorption</b>	<0.01	%	ASTM D570
<b>Tensile Strength at Yield</b>	240	kgf/cm <sup>2</sup>	ASTM D638
<b>Elongation at Break</b>	>500	%	ASTM D638
<b>Flexural Modulus</b>	8,500	kgf/cm <sup>2</sup>	ASTM D790
<b>Hardness (Rockwell)</b>	45	R Scale	ASTM D785
<b>Impact Strength (Izod with Notch)</b>	>50	kgf cm/cm	ASTM D256
<b>Melting Point</b>	134	°C	ASTM D3418
<b>Softening Point (Vicat)</b>	123	°C	ASTM D1525
<b>Heat Deflection Temperature</b>	69	°C	ASTM D648
<b>Brittleness Temperature</b>	<-70	°C	ASTM D746