



HDPE for Yarn

YUHWA HIDDEN E308T

Features
and Uses

Properties

Application	HDPE for Yarn			
Features	Good Stretch, High Tenacity			
Uses	Stretched Tapes, Tarpaulin			
Items	Specification	Unit	Test Method	
Melt Index	1	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	240	kgf/cm²	ASTM D638	
Elongation at Break	>500	%	ASTM D638	
Flexural Modulus	8,500	kgf/cm²	ASTM D790	
Hardness (Rockwell)	45	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	