



HDPE Yarn Grade

YUHWA HIDEN HT306

Description

- Application : Yarn
- Features : High Stretch, High Tenacity
- Uses : High-strength fibers (Fishing Nets, Ropes), Tarpaulin, Stretched Tapes

Properties

Item	Value	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	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	11,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	54	R Scale	ASTM D785
Impact Strength (Izod with Notch)	>50	kg _f 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

• Above data are intended to serve as guides only, and are not sales specification limits.

Contact Info

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