

HDPE for Yarn

YUHWA HIDEN E308

Features
and Uses

Properties

| Application | HDPE for Yarn | | |
|--|----------------------------------|---------------------|-------------|
| Features | Good Stretch, High Tenacity | | |
| Uses | Fishing Nets, Ropes, Insect Nets | | |
| 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 |