

HANWHA

High Density Polyethylene

3390

Mono-Filament Grade

MELT INDEX **0.9**
DENSITY **0.954**

HANWHA HDPE 3390 is manufactured by Spherilene process and designed for mono-filament. HDPE 3390 has well balanced property of mechanical strength and processability.

This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 3.1.a.

□ Outstanding Properties

Excellent Mechanical Property
Good Processability

□ Additives

Antioxidant

□ Physical Properties

| Physical Properties | Unit | Test Method | Value |
|---------------------------|--------------------|-------------|--------|
| Melt Index | g/10min | ASTM D1238 | 0.9 |
| Density | g/cc | ASTM D1505 | 0.954 |
| Melting Point | °C | ASTM D3418 | 134 |
| Vicat Softening Point | °C | ASTM D1525 | 128 |
| Rockwell Hardness | Rockwell R | ASTM D785 | 50 |
| Flexural Modulus | kg/cm ² | ASTM D790 | 10,000 |
| Tensile Strength at Yield | kg/cm ² | ASTM D638 | 255 |
| Elongation at Break | % | ASTM D638 | 500 |

1. These are typical properties : not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.

