

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.

