

# HANWHA

## High Density Polyethylene

# 3391

Flat Yarn(T-die, Cast) Grade

**MELT INDEX**      **1.0**  
**DENSITY**            **0.954**

HANWHA HDPE 3391 is manufactured by Spherilene process and designed for flat yarn(T-die, Cast) of tarpaulin. HDPE 3391 has well balanced property of mechanical strength, stretching and processability.

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

### ▣ Outstanding Properties

Excellent Mechanical Property  
Good Stretching  
Good Processability

### ▣ Additives

Antioxidant

### ▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	1.0
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 <sup>2</sup>	ASTM D790	10,000
Tensile Strength at Yield	kg/cm <sup>2</sup>	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.

