

# HANWHA

# 3306W

## Linear Low Density Polyethylene

Cast Film Grade

**MELT INDEX** 2.8  
**DENSITY** 0.918

HANWHA LLDPE 3306W is designed for cast multi layer stretch wrap film. LLDPE 3306W has excellent drawdown and mechanical property.

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

### ▣ Outstanding Properties

Excellent Drawdown Property  
Good Mechanical Property

### ▣ Processing Conditions

Melt Temperature : 300 °C  
Optimum Gage Range : 0.02 ~ 0.04 mm

### ▣ Additives

Antioxidant

### ▣ Physical Properties

Resin Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D 1238	2.8
Density	g/cc	ASTM D 1505	0.918
Vicat Softening Point	°C	ASTM D 1525	102
Melting Point	°C	HCC Method	123
Tensile Strength at Break	kg/cm <sup>2</sup>	ASTM D 638	230
Elongation at Break	%	ASTM D 638	900
Brittleness Temperature, F <sub>0</sub>	°C	ASTM D 746	< -76
Cast Film Properties	Unit	Test Method	Value
Film Thickness	mm	HCC Method	0.02
Tensile Strength at Break	MD	ASTM D 882	350
	TD		250
Elongation at Break	MD	ASTM D 882	500
	TD		800
Elmendorf Tear Strength	MD	ASTM D 1922	30
	TD		430
Dart Impact Strength	g	ASTM D 1709	45
Haze	%	ASTM D 1003	2.0

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.