

# PP

Homo PP for stretched tapes

## ▶ HY301

### ● Description

**HY301** is an isotactic homo PP grade for extrusion application. It is designed for the production of films which can be converted into stretched tape, and injection molded housewares.

### ● Characteristics

- ▶ Excellent processability & mechanical properties
- ▶ High stretchability & productivity

### ● Applicatinos

- ▶ Woven bags , Stretched band, PP filament , Fishing net, rod

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	HY301
Melt flow index	D1238	g/10min	3.2
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	350
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm <sup>2</sup>	16,000
Izod impact strength 23 °C	D256	kgcm/cm	4
Rockwell hardness	D785	R-scale	100
Heat distortion temp.	D648	°C	110

## ● **Food Contact Application**

- ▶ Hanwha Total HY301 meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- ▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.