

PP

Homo PP for stretched tapes

► HY300

● Description

HY300 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	HY300
Melt flow index	D1238	g/10min	3.9
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	380
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm ²	14,500
Izod impact strength 23 °C	D256	kgcm/cm	4
Rockwell hardness	D785	R-scale	100
Heat distortion temp.	D648	°C	110

● **Food Contact Application**

- ▶ There may be some limitation to apply Hanwha Total HY300 to the food packaging. Thus, the verification on the suitability is necessary.
- ▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.