

# PP

Homo PP for BOPP Film

## ► HF351

### ● Description

**HF351** is isotacticity-controlled polypropylene for BOPP film. HF351 shows good optical properties and easy processability with good thickness profile of BOPP film due to the optimization of resin design.

### ● Characteristics

► Good appearance & processability (Low gel contents & Transparency)  
: BOPP film for general packaging

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	HF351
Melt flow index	D1238	g/10min	3.0
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	370
Elongation at break	D638	%	> 500
Flexural modulus	D790	kg/cm <sup>2</sup>	16,000
Izod impact strength 23 °C	D256	kgcm/cm	4.0
Rockwell hardness	D785	R-scale	94
Heat distortion temp.	D648	°C	108

## ● **Food Contact Application**

- ▶ Hanwha Total HF351 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.