

PP

Block copolymer for sheet application

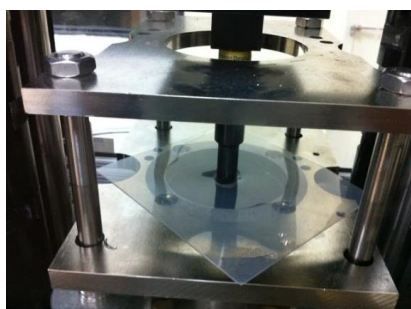
► BB310

● Description

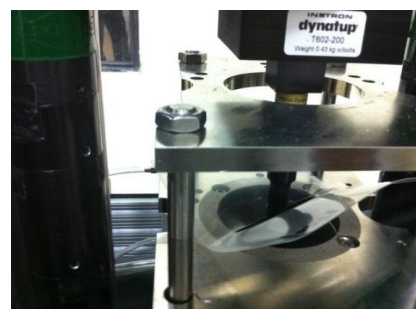
BB310 is a propylene-ethylene block copolymer designed for sheet application. Clear & Soft characteristics of BB310 lead excellent impact strength/transparency balance.

● Characteristics

► High impact strength



<BB310>



<General Random PP>

► Low fish-eye level

▪ Optical property (500 μm calendering sheet)

	Method (ASTM)	Unit	BB310
Haze	D1003	%	30

* Processing temperature : 230 °C,

* Chill-roll temperature : 70 °C

Data performed by or on behalf of Hanwha Total

● Applications

- Transparent/Semi-transparent Sheet
- Household Case
- Stationery

● **Physical Properties**

Typical Properties	Method (ASTM)	Unit	BB310
Melt flow index	D1238	g/10min	5.0
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	275
Elongation at break	D638	%	>600
Flexural modulus	D790	kg/cm ²	10,000
Izod impact strength 23 °C	D256	kgcm/cm	15
Rockwell hardness	D785	R-scale	63
Heat distortion temp.	D648	°C	103

** Data shown above are representative values for reference purposes only, and not to be construed as specifications.*

● **Food Contact Application**

► To apply Hanwha Total BB310 to the food packaging, the verification on the suitability is necessary. In case you might need additional regulatory information, please contact Hanwha Total Polymer Technical Service Team.