

PP

Low gloss / High flow impact copolymer
for Injection Molding

► BI720

● Description

BI720 is a high flow impact copolymer designed to have low gloss compared to the conventional PP products. Due to its low gloss and high flowability, it can be an excellent candidate for the base resin of PP composite for the interior parts of automobile.

● Characteristics

- Low gloss → Interior part of automobile
- High flowability → Large-size injection molded products

● Applications

- Automobile compound articles: instrumental panel, door trim, etc

● Physical Properties

Typical Properties	Method (ASTM)	Unit	BI720
Melt flow index	D1238	g/10min	30
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	250
Elongation at break	D638	%	60
Flexural modulus	D790	kg/cm ²	13,000
Izod impact strength at 23℃	D256	kgcm/cm	7.0
-20℃			4.0
Rockwell hardness	D785	R-scale	85
Heat distortion temp.	D648	℃	110
Gloss (60°)	D2457	%	57

● **Food Contact Application**

- ▶ There may be some limitation to apply Hanwha Total BI720 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.