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PP

**Super Flow Impact copolymer (MI=120)** 

**▶** BI998

### Description

Hanwha Total HIPP **BI998** is an ultra high flow impact PP resin for injection molding applications. **BI998** is a reactor-made PP, which exhibits high rigidity as well as excellent impact strength due to well-designed resin structure. Superior flowability of **BI998** is of benefit for the injection molding applications which need high flowability, such as large-scale articles, base-resin of PP Auto. compounds, and thin products.

#### Characteristics

- Reactor made super flowability : MI  $\geq 120$
- ► Excellent balance between stiffness & impact strength

#### Applications

▶ Base resin for PP Automotive compounds, Large E&E articles, Thin wall injection molding (TWIM) containers.

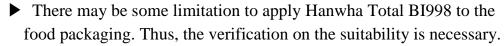
## Physical Properties

Typical Properties	Method (ASTM)	Unit	BI998
Melt flow index	D1238	g/10min	120
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	310
Elongation at break	D638	%	<50
Flexural modulus	D790	kg/cm <sup>2</sup>	17,000
Izod impact strength at 23 °C			4.0
0℃	D256	kgcm/cm	3.0
-20℃			2.5
Rockwell hardness	D785	R-scale	95
Heat distortion temp.	D648	$^{\circ}\mathbb{C}$	125

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# Food Contact Application



▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.