

HCPP Block Copolymer **CB5108H**

**Classification :** HCPP Block Copolymer Injection grade

**Attributes :** RTI 125°C, High Stiffness, Impact Resistance, Long Term Heat Resistance, High Gloss, Scratch Resistance, UL746B

**Applications :** Automobile Parts, Electric and Electronic Product Parts, Home Appliance Housings, PP Compound Base Resin

**Properties**

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	10	g/10min.	ASTM D1238
Density	0.91	g/cm <sup>3</sup>	ASTM D1505
Mold Shrinkage	1.4~1.8	%	KPIC Method
Tensile Strength at Yield	330	kg <sub>f</sub> /cm <sup>2</sup>	ASTM D638
Elongation at Break	>200	%	ASTM D638
Flexural Modulus	17,000	kg <sub>f</sub> /cm <sup>2</sup>	ASTM D790
Hardness (Rockwell)	100	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	10	kg <sub>f</sub> cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	3	kg <sub>f</sub> cm/cm	ASTM D256
Melting Point	167	°C	ASTM D3418
Softening Point (Vicat)	153	°C	ASTM D1525
Heat Deflection Temperature	135	°C	ASTM D648
The values given above should only be used as a guide and should not be considered as a specification or guarantee. The values are dependent on part geometry and fabrication conditions.			