



HCPP Block Copolymer for Injection

YUHWA POLYPRO CB5108H

Features
and Uses

Application	HCPP Block Copolymer for Injection
Features	RTI 125C, High Stiffness, Impact Resistance, Long Term Heat Resistance, High Gloss, Scratch Resistance, UL746B
Uses	Automobile Parts, Electric and Electronic Product Parts, Home Appliance Housings, PP Compound Base Resin

Properties

Items	Specification	Unit	Test Method
Melt Index	10	g/10min.	ASTM D1238
Density	0.91	g/cm ³	ASTM D1505
Mold Shrinkage	1.4~1.8	%	KPIC Method
Tensile Strength at Yield	330	kgf/cm ²	ASTM D638
Elongation at Break	>200	%	ASTM D638
Flexural Modulus	17,000	kgf/cm ²	ASTM D790
Hardness (Rockwell)	100	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	10	kgf cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	3	kgf cm/cm	ASTM D256
Melting Point	167	°C	ASTM D3418
Softening Point (Vicat)	153	°C	ASTM D1525
Heat Deflection Temperature	135	°C	ASTM D648