

HCPP Homo Polymer for Injection

## YUHWA POLYPRO HJ4012

Features  
and Uses

<b>Application</b>	HCPP Homo Polymer for Injection
<b>Features</b>	Long Term Heat Resistance, High Stiffness, Processability, Scratch Resistance, Tapping Impact Strength, UL746B, RTI 125C, All Color 94HB
<b>Uses</b>	Automobile Parts, Electric and Electronic Product Parts, Household Goods , Home Appliance Housings

Properties

Items	Specification	Unit	Test Method
<b>Melt Index</b>	14	g/10min.	ASTM D1238
<b>Density</b>	0.91	g/cm <sup>3</sup>	ASTM D1505
<b>Mold Shrinkage</b>	1.4~1.8	%	KPIC Method
<b>Tensile Strength at Yield</b>	420	kgf/cm <sup>2</sup>	ASTM D638
<b>Elongation at Break</b>	50	%	ASTM D638
<b>Flexural Modulus</b>	21,000	kgf/cm <sup>2</sup>	ASTM D790
<b>Hardness (Rockwell)</b>	110	R Scale	ASTM D785
<b>Impact Strength (Izod with Notch)</b>	4	kgf cm/cm	ASTM D256
<b>Melting Point</b>	168	°C	ASTM D3418
<b>Softening Point (Vicat)</b>	156	°C	ASTM D1525
<b>Heat Deflection Temperature</b>	140	°C	ASTM D648