

HCPP Homo Polymer for Injection

## YUHWA POLYPRO HJ4045

Features  
and Uses

<b>Application</b>	HCPP Homo Polymer for Injection
<b>Features</b>	High Flowability, Scratch Resistance, Heat Resistance, Tapping Impact Strength, All Color 94HB
<b>Uses</b>	Electric and Electronic Product Parts, Household Goods , Home Appliance Housings, PP Compound Base Resin

Properties

Items	Specification	Unit	Test Method
<b>Melt Index</b>	45	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>	40	%	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>	3	kgf cm/cm	ASTM D256
<b>Melting Point</b>	167	°C	ASTM D3418
<b>Softening Point (Vicat)</b>	156	°C	ASTM D1525
<b>Heat Deflection Temperature</b>	140	°C	ASTM D648