

HCPP Homo Polymer for Injection

YUHWA POLYPRO HJ4006

Features
and Uses

Application	HCPP Homo Polymer for Injection
Features	Heat Resistance, High Stiffness, Processability, Scratch Resistance, Tapping Impact Strength, All Color 94HB
Uses	Automobile Parts, Electric and Electronic Product Parts, Household Goods , Home Appliance Housings

Properties

Items	Specification	Unit	Test Method
Melt Index	6	g/10min.	ASTM D1238
Density	0.91	g/cm ³	ASTM D1505
Mold Shrinkage	1.4~1.8	%	KPIC Method
Tensile Strength at Yield	420	kgf/cm ²	ASTM D638
Elongation at Break	50	%	ASTM D638
Flexural Modulus	21,000	kgf/cm ²	ASTM D790
Hardness (Rockwell)	110	R Scale	ASTM D785
Impact Strength (Izod with Notch)	4	kgf cm/cm	ASTM D256
Melting Point	168	°C	ASTM D3418
Softening Point (Vicat)	156	°C	ASTM D1525
Heat Deflection Temperature	140	°C	ASTM D648