


KOREA PETROCHEMICAL IND.CO.,LTD

HCPP Homo Polymer **HJ4006**
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Classification : HCPP Homo Polymer Injection grade

Attributes : Heat Resistance, High Stiffness, Processability, Scratch Resistance, Tapping Impact Strength, All Color 94HB

Applications : Automobile Parts, Electric and Electronic Product Parts, Household Goods , Home Appliance Housings

Documents & Certificates

Spec Sheet :  [kpic_spec_HJ4006_en.pdf](#)

MSDS :  [kpic_msds_HJ4006_en\(1\).pdf](#)

FDA :  [FDA Request](#)

UL :  [KPIC_UL.pdf](#)

RoHS :  [kpic_RoHS_HJ4006_20130828.pdf](#)

Properties

ITEM (TERM)	VALUE	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	kg _f /cm ²	ASTM D638
Elongation at Break	50	%	ASTM D638
Flexural Modulus	21,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	110	R Scale	ASTM D785
Impact Strength (Izod with Notch)	4	kg _f cm/cm	ASTM D256
Melting Point	168	°C	ASTM D3418
Softening Point (Vicat)	156	°C	ASTM D1525
Heat Deflection Temperature	140	°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.			