

KOREA PETROCHEMICAL IND.CO.,LTD

HCPP Block Copolymer **CB5108**
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Classification : HCPP Block Copolymer Injection grade

Attributes : High Stiffness, Impact Resistance, Heat Resistance, High Gloss, Scratch Resistance, All Color 94HB

Applications : Automobile Parts, Electric and Electronic Product Parts, Home Appliance Housings, PP Compound Base Resin

Documents & Certificates

Spec Sheet :  [kpic_spec_CB5108_en.pdf](#)

MSDS :  [kpic_msds_CB5108_en\(1\).pdf](#)

FDA :  [FDA Request](#)

UL :  [KPIC_UL.pdf](#)

RoHS :  [kpic_RoHS_CB5108_20130828.pdf](#)

Properties

ITEM (TERM)	VALUE	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	kg _f /cm ²	ASTM D638
Elongation at Break	>200	%	ASTM D638
Flexural Modulus	17,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	100	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	10	kg _f cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	3.5	kg _f cm/cm	ASTM D256
Melting Point	167	°C	ASTM D3418
Softening Point (Vicat)	153	°C	ASTM D1525
Heat Deflection Temperature	135	°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.			