

KOREA PETROCHEMICAL IND.CO.,LTD

HSPB Block Copolymer **SB9108H**
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Classification : HSPB Block Copolymer Injection grade

Attributes : RTI 125°C, High Gloss, Impact Resistance, High Stiffness, All Color 94HB, UL746B

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

Documents & Certificates

Spec Sheet :  [kpic_spec_SB9108H_en.pdf](#)

MSDS :  [kpic_msds_SB9108H_en\(1\).pdf](#)

FDA :  [FDA Request](#)

UL :  [KPIC_UL.pdf](#)

RoHS :  [kpic_RoHS_SB9108H_20070807.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	300	kgf/cm ²	ASTM D638
Elongation at Break	>200	%	ASTM D638
Flexural Modulus	15,000	kgf/cm ²	ASTM D790
Hardness (Rockwell)	97	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	10	kgf cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	3	kgf cm/cm	ASTM D256
Melting Point	168	°C	ASTM D3418
Softening Point (Vicat)	152	°C	ASTM D1525
Heat Deflection Temperature	130	°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.