

KOREA PETROCHEMICAL IND., CO., LTD
HSPB Block Copolymer SB9304
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Classification : HSPB Block Copolymer Injection grade
 Attributes : High Impact Strength, Good Compatibility with Filler and Rubber, Compounding
 Applications : Battery Case, Industrial Articles, Household Goods, Office Supplies, PP Compound Base Resin

Documents & Certificates

Spec Sheet :  [kpic_spec_SB9304_en.pdf](#)
 MSDS :  [kpic_msds_SB9304_en\(1\).pdf](#)
 FDA :  [FDA Request](#)
 RoHS :  [kpic_RoHS_SB9304_20070124.PDF](#)

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	4	g/10min.	ASTM D1238
Density	0.91	g/cm ³	ASTM D1505
Mold Shrinkage	1.4~1.8	%	KPIC Method
Tensile Strength at Yield	260	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	12,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	85	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	50	kg _f cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	5	kg _f cm/cm	ASTM D256
Melting Point	166	°C	ASTM D3418
Softening Point (Vicat)	152	°C	ASTM D1525
Heat Deflection Temperature	110	°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.			