

KOREA PETROCHEMICAL IND.CO.,LTD

HSPB Block Copolymer **SB9302**
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Classification : HSPB Block Copolymer Injection grade

Attributes : High Impact Strength, Good Compatibility with Filler and Rubber, Compounding

Applications : Battery Case, Household Goods, Office Supplies, PP Compound Base Resin

Documents & Certificates

Spec Sheet :  [kpic_spec_SB9302_en.pdf](#)

MSDS :  [kpic_msds_SB9302_en\(1\).pdf](#)

FDA :  [FDA Request](#)

RoHS :  [kpic_RoHS_SB9302_20070124.pdf](#)

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	2	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)	83	R Scale	ASTM D785
Impact Strength (Izod with Notch) 25°C	60	kg _f cm/cm	ASTM D256
Impact Strength (Izod with Notch) -20°C	6	kg _f cm/cm	ASTM D256
Melting Point	165	°C	ASTM D3418
Softening Point (Vicat)	152	°C	ASTM D1525
Heat Deflection Temperature	100	°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.			