

HSPB Block Copolymer Injection Grade  
**YUHWA POLYPRO SB9310**

**Description**

- Application : Injection
- Features : High Impact Strength, Good Compatibility with Filler and Rubber
- Uses : Battery Case, Electric Appliances and Grocery, PP Compound Base Resin

**Properties**

| Item                                    | Value   | Unit                             | Test Method |
|---|---------|----------------------------------|-------------|
| Melt Index                              | 10      | g/10min.                         | ASTM D1238  |
| Density                                 | 0.91    | g/cm <sup>3</sup>                | ASTM D1505  |
| Mold Shrinkage                          | 1.4~1.8 | %                                | KPIC Method |
| Tensile Strength at Yield               | 270     | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D638   |
| Elongation at Break                     | >500    | %                                | ASTM D638   |
| Flexural Modulus                        | 12,500  | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D790   |
| Hardness (Rockwell)                     | 90      | R Scale                          | ASTM D785   |
| Impact Strength (Izod with Notch) 25°C  | 22      | kg <sub>f</sub> cm/cm            | ASTM D256   |
| Impact Strength (Izod with Notch) -20°C | 4.5     | kg <sub>f</sub> cm/cm            | ASTM D256   |
| Melting Point                           | 165     | °C                               | ASTM D3418  |
| Softening Point (Vicat)                 | 152     | °C                               | ASTM D1525  |
| Heat Deflection Temperature             | 122     | °C                               | ASTM D648   |

- Above data are intended to serve as guides only, and are not sales specification limits.

**Contact Info**  
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