

HSPB Block Copolymer for Injection

YUHWA POLYPRO SB9240

Features
and Uses

Properties

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|--------------------|---|----------------------|---------------------|--------------------|
| Application | HSPB Block Copolymer for Injection | | | |
| Features | High Gloss, High Flowability, Impact Resistance, High Stiffness, All Color 94HB | | | |
| Uses | Thin Wall Containers, PP Compound Base Resin | | | |
| | Items | Specification | Unit | Test Method |
| | Melt Index | 40 | g/10min. | ASTM D1238 |
| | Density | 0.91 | g/cm ³ | ASTM D1505 |
| | Mold Shrinkage | 1.4~1.8 | % | KPIC Method |
| | Tensile Strength at Yield | 290 | kgf/cm ² | ASTM D638 |
| | Elongation at Break | >200 | % | ASTM D638 |
| | Flexural Modulus | 15,000 | kgf/cm ² | ASTM D790 |
| | Hardness (Rockwell) | 98 | 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 | 166 | °C | ASTM D3418 |
| | Softening Point (Vicat) | 152 | °C | ASTM D1525 |
| | Heat Deflection Temperature | 131 | °C | ASTM D648 |