

Classification : HSPP Block Copolmer Sheet grade  
Attributes : High Impact Strength, High Stiffness  
Applications : Corrugated Cardboards, General Sheets, Stationery Sheets, Packaging Sheets,  
Vacuum Molding Sheets

#### Documents & Certificates

Spec Sheet :  [kpic\\_spec\\_SB1930\\_en.pdf](#)  
MSDS :  [kpic\\_msds\\_SB1930\\_en\(1\).pdf](#)  
FDA :  [FDA Request](#)  
RoHS :  [kpic\\_RoHS\\_SB1930\\_20130506.PDF](#)

#### Properties

| ITEM (TERM)                       | VALUE  | UNIT                             | TEST METHOD |
|-----------------------------------|--------|----------------------------------|-------------|
| Melt Index                        | 0.5    | g/10min.                         | ASTM D1238  |
| Density                           | 0.91   | g/cm <sup>3</sup>                | ASTM D1505  |
| Water Absorption                  | <0.01  | %                                | ASTM D570   |
| Tensile Strength at Yield         | 270    | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D638   |
| Elongation at Break               | >400   | %                                | ASTM D638   |
| Flexural Modulus                  | 13,000 | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D790   |
| Hardness (Rockwell)               | 84     | R Scale                          | ASTM D785   |
| Impact Strength (Izod with Notch) | 70     | kg <sub>f</sub> cm/cm            | ASTM D256   |
| Softening Point (Vicat)           | 154    | °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.