

## POLYPROPYLENE



## Polymer Composite

## HI-PRENE T145D

| Typical Properties          | Test Conditions | Test Method | Units             | Result |
|-----------------------------|-----------------|-------------|-------------------|--------|
| Physical                    |                 |             |                   |        |
| Melt Flow Rate              | 2.16 kg, @230°C | ASTM D1238  | g/10min           | 17     |
| Density                     | -               | ASTM D792   | g/cm <sup>3</sup> | 0.89   |
| Mechanical                  |                 |             |                   |        |
| Tensile Strength at Break   | 50 mm/min       | ASTM D638   | MPa               | 14     |
| Flexural Modulus            | 10 mm/min       | ASTM D790   | MPa               | 621    |
| Izod Impact                 | @-40°C, Notched | ASTM D256   | J/m               | 245    |
| Shore Hardness              | -               | ASTM D2240  | Shore D           | 47     |
| Thermal                     |                 |             |                   |        |
| Heat Deflection Temperature | 0.45 MPa        | ASTM D648   | °C                | 70     |

※ Results may vary depending on environmental conditions and /or devices.

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