

# PP

## BI6200

### High impact resistance block PP for injection molding

#### Application

Automotive composite base, Household goods parts, Industrial materials component, Baby products

#### Characteristics

High impact strength, Excellent processability

#### Physical properties

| Item                         | Test Method | Unit               | Typical Value |
|------------------------------|-------------|--------------------|---------------|
| Melt index                   | ASTM D1238  | g/10min            | 20            |
| Density                      | ASTM D1505  | g/cm <sup>3</sup>  | 0.91          |
| Tensile strength (at yield)  | ASTM D638   | kg/cm <sup>2</sup> | 200           |
| Elongation (at break)        | ASTM D638   | %                  | < 200         |
| Flexural modulus             | ASTM D790   | kg/cm <sup>2</sup> | 10000         |
| Izod Impact Strength (23°C)  | ASTM D256   | kg cm/cm           | > 30          |
| Izod Impact Strength (0°C)   | ASTM D256   | kg cm/cm           | 14            |
| Izod Impact Strength (-20°C) | ASTM D256   | kg cm/cm           | 9             |
| Heat deflection temperature  | ASTM D648   | °C                 | 95            |

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

#### Certification

Hanwha TotalEnergies Petrochemical BI6200 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA).

For further inquiries, please contact Customer Technical Service.

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