

# PP

## BI9600

### High stiffness block PP for injection molding

#### Application

Injection molding, Interior /exterior parts for automobile, Home appliances parts, Household goods parts, TWIM

#### Characteristics

Excellent mechanical properties, High flowability, High thermal resistance

#### Physical properties

| Item                         | Test Method | Unit               | Typical Value |
|------------------------------|-------------|--------------------|---------------|
| Melt index                   | ASTM D1238  | g/10min            | 60            |
| Density                      | ASTM D1505  | g/cm <sup>3</sup>  | 0.91          |
| Tensile strength (at yield)  | ASTM D638   | kg/cm <sup>2</sup> | 290           |
| Elongation (at break)        | ASTM D638   | %                  | >30           |
| Flexural modulus             | ASTM D790   | kg/cm <sup>2</sup> | 15500         |
| Izod Impact Strength (23°C)  | ASTM D256   | kg cm/cm           | 6.5           |
| Izod Impact Strength (-20°C) | ASTM D256   | kg cm/cm           | 4             |
| Rockwell hardness            | ASTM D785   | R scale            | 90            |
| Heat deflection temperature  | ASTM D648   | °C                 | 120           |

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

#### Certification

Hanwha TotalEnergies Petrochemical BI9600 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA).

Up to 8% of energy can be saved during production with UL ECV (Environmental Claim Verification) mark achieved.

For further inquiries, please contact Customer Technical Service.



#### Contact information

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