

# PP

## BJ600

### Block PP for injection molding

#### Application

Injection molding, Home appliances parts, Household goods parts

#### Characteristics

Impact resistance

#### Physical properties

| Item                         | Test Method | Unit               | Typical Value |
|------------------------------|-------------|--------------------|---------------|
| Melt index                   | ASTM D1238  | g/10min            | 15            |
| Density                      | ASTM D1505  | g/cm <sup>3</sup>  | 0.91          |
| Tensile strength (at yield)  | ASTM D638   | kg/cm <sup>2</sup> | 280           |
| Elongation (at break)        | ASTM D638   | %                  | 500           |
| Flexural modulus             | ASTM D790   | kg/cm <sup>2</sup> | 13,000        |
| Izod Impact Strength (23°C)  | ASTM D256   | kg cm/cm           | 9             |
| Izod Impact Strength (0°C)   | ASTM D256   | kg cm/cm           | 6             |
| Izod Impact Strength (-20°C) | ASTM D256   | kg cm/cm           | 5             |
| Rockwell hardness            | ASTM D785   | R scale            | 85            |
| Heat deflection temperature  | ASTM D648   | °C                 | 105           |

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

#### Certification

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies BJ600 for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

#### Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.  
www.htpchem.com

Sales Office  
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha  
Finance Plaza, Seoul, Republic of Korea  
16th floor of Hanwha Financial Plaza

Customer Technical Service  
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si,  
Chungcheongnam-do, Republic of Korea  
T. 041-660-6190 F. 041-660-6189

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