# PP

# RJ580Z

## Transparent random PP for injection molding

**Application**

Injection molding, Household goods parts, Baby products, ISBM bottle

**Characteristics**

Transparency, Excellent processability

**Physical properties**

| Item | Test Method | Unit | Typical Value |
|---|---|---|---|
| Melt index | ASTM D1238 | g/10min | 15 |
| Density | ASTM D1505 | g/㎤ | 0.91 |
| Tensile strength (at yield) | ASTM D638 | kg/㎠ | 300 |
| Elongation (at break) | ASTM D638 | % | 500 |
| Flexural modulus | ASTM D790 | kg/㎠ | 11000 |
| Izod Impact Strength (23℃) | ASTM D256 | kg ㎝/㎝ | 6 |
| Rockwell hardness | ASTM D785 | R scale | 85 |
| Heat deflection temperature | ASTM D648 | ℃ | 95 |
| Haze(2mm sheet) | ASTM D1003 | % | 18 |

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

**Certification**

Hanwha TotalEnergies Petrochemical RJ580Z 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.

**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

**Disclaimer**
This document is copyrighted by Hanwha TotalEnergies Petrochemical. All information is for reference only and is not the specifications of the final product. Customers should make their own judgments as to whether our products and information serve a particular purpose and what regulations apply to customers' use of such products. Hanwha TotalEnergies Petrochemical is not responsible or obligated for the contents of this document. Hanwha TotalEnergies Petrochemical provides no warranties of any kind, either express or implied (such as merchantability and or fitness for a particular purpose, etc.) with respect to any information contained in this material. Hanwha TotalEnergies Petrochemical may arbitrarily change the contents of this material without prior notice.