DATASHEET

# ASTM Property

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|---|---|
| **Grade** | J-560S |
| **Product** | Polypropylene, Random Copolymer |

| General Information | |
|---|---|
| Key Features | - Good Transparency and Gloss<br>- Phthalate-free |
| Applications | - Household goods<br>- Transparent Food & Cosmetic container |

| Item | Measuring Method | Unit | Value |
|---|---|---|---|
| **Physical Properties** | | | |
| Melt Flow Index (230℃, 2.16kg) | ASTM D1238 | g/10min | 18 |
| Density | ASTM D792 | g/㎤ | 0.9 |
| **Mechanical Properties** | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/㎠ | 300 |
| Tensile Strain (Break) | ASTM D638 | % | >100 |
| Flexural Modulus | ASTM D790 | kgf/㎠ | 12,000 |
| **Impact Properties** | | | |
| Izod Impact Strength (notched, 23℃) | ASTM D256 | kgf·㎝/㎝ | 5.5 |
| Izod Impact Strength (notched, -10℃) | ASTM D256 | kgf·㎝/㎝ | 3.0 |
| **Thermal Properties** | | | |
| Heat Deflection Temperature (4.6kgf/㎠) | ASTM D648 | ℃ | 95 |
| **Additional Properties** | | | |
| Haze (2mmT) | ASTM D1003 | % | 20 |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21