# J-150
## Polypropylene (Homopolymer)

### Product Description
J-150 is a polypropylene homopolymer and is designed suitable for injection molding.
J-150 offers excellent heat resistance and stiffness. It is typically used in production of housewares and the general supplies.

### Key Features
- Heat resistance
- Stiffness
- Scratch resistance

### Applications
- Housewares and general supplies

### Typical Properties

| Item | | Measuring Method | | Value | Unit |
|---|---|---|---|---|---|
| Physical | Melt Flow Index (230℃, 2.16㎏) | ASTM | D1238 | 10 | g/10min |
| | Density | ASTM | D1505 | 0.9 | $g/cm^3$ |
| Mechanical | Tensile Stress (Yield) | ASTM | D638 | 370 | $kgf/cm^2$ |
| | Tensile Strain (Break) | ASTM | D638 | > 100 | % |
| | Flexural Modulus | ASTM | D790 | 16,500 | $kgf/cm^2$ |
| | Notched Izod Impact Strength (23℃) | ASTM | D256 | 3.0 | kgf·cm/cm |
| | Heat Deflection Temp. ($4.6kgf/cm^2$) | ASTM | D648 | 120 | ℃ |

*• NOTE : These are not to be construed as specifications*

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