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|----------------|----------------------------|
| <b>Grade</b>   | J-150                      |
| <b>Product</b> | Polypropylene, Homopolymer |

## General Information

Key Features

- Good stiffness
- Heat resistance

Applications

- Industrial/Household goods
- Home appliances and electronics

| Item                                                  | Measuring Method | Unit                | Value  |
|-------------------------------------------------------|------------------|---------------------|--------|
| <b>Physical Properties</b>                            |                  |                     |        |
| Melt Flow Index (230°C, 2.16 kg)                      | ASTM D1238       | g/10min             | 10     |
| Density                                               | ASTM D792        | g/cm <sup>3</sup>   | 0.9    |
| <b>Mechanical Properties</b>                          |                  |                     |        |
| Tensile Stress (Yield)                                | ASTM D638        | kgf/cm <sup>2</sup> | 370    |
| Tensile Strain (Break)                                | ASTM D638        | %                   | >100   |
| Flexural Modulus                                      | ASTM D790        | kgf/cm <sup>2</sup> | 16,500 |
| <b>Impact Properties</b>                              |                  |                     |        |
| Izod Impact Strength (notched, 23°C)                  | ASTM D256        | kgf-cm/cm           | 3.0    |
| <b>Thermal Properties</b>                             |                  |                     |        |
| Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> ) | ASTM D648        | °C                  | 120    |
| <b>Additional Properties</b>                          |                  |                     |        |
| Flammability                                          | UL94             |                     | HB     |

1. Physical Properties : these are not to be construed as specifications

