

## DATASHEET

### ASTM Property



|                |                                 |
|----------------|---------------------------------|
| <b>Grade</b>   | JM-370                          |
| <b>Product</b> | Polypropylene, Impact Copolymer |

#### General Information

**Key Features** - Good the Balance of Stiffness and Impact resistance

**Applications** - Industrial/Household goods

| Item                                                  | Measuring Method | Unit                | Value  |
|-------------------------------------------------------|------------------|---------------------|--------|
| <b>Physical Properties</b>                            |                  |                     |        |
| Melt Flow Index (230°C, 2.16kg)                       | ASTM D1238       | g/10min             | 35     |
| Density                                               | ASTM D792        | g/cm <sup>3</sup>   | 0.9    |
| <b>Mechanical Properties</b>                          |                  |                     |        |
| Tensile Stress (Yield)                                | ASTM D638        | kgf/cm <sup>2</sup> | 260    |
| Tensile Strain (Break)                                | ASTM D638        | %                   | <100   |
| Flexural Modulus                                      | ASTM D790        | kgf/cm <sup>2</sup> | 13,000 |
| <b>Impact Properties</b>                              |                  |                     |        |
| Izod Impact Strength (notched, 23°C)                  | ASTM D256        | kgf·cm/cm           | 7.0    |
| Izod Impact Strength (notched, -10°C)                 | ASTM D256        | kgf·cm/cm           | 3.5    |
| <b>Thermal Properties</b>                             |                  |                     |        |
| Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> ) | ASTM D648        | °C                  | 105    |
| <b>Additional Properties</b>                          |                  |                     |        |
| Flammability                                          | UL94             |                     | HB     |

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

\* The last update date : 2022/09/21