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|----------------|---------|
| Grade | FC-150U |
| Product | PP |

General Information

Key Features

FC-150U is a polypropylene homopolymer especially designed for cast film application. Typical applications are packaging foodstuffs such as pasta, snacks, biscuits, bakery products and confectionery, film for food contact. It contains slip and anti-blocking additives.

Applications

- General CPP Film

| Item | Measuring Method | Unit | Value |
|--|------------------|---------------------|--------|
| Physical | | | |
| Melt Flow Index | ASTM D1238 | g/10min | 8.0 |
| Density | ASTM D1505 | g/cm ³ | 0.9 |
| Mechanical | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 360 |
| Tensile Strain (Break) | ASTM D638 | % | >100 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 17,500 |
| Rockwell Hardness | ASTM D785 | R | 107 |
| Impact | | | |
| Izod Impact Strength(notched) (23°C) | ASTM D256 | kgf·cm/cm | 2.5 |
| Thermal | | | |
| Melting Temperature | ASTM D3418 | °C | 164 |
| Heat Deflection Temperature(4.6kgf/cm ²) | ASTM D648 | °C | 115 |
| Film | | | |
| Haze | ASTM D1003 | % | <1.0 |
| Coefficient of Friction | ASTM D1894 | | <1.0 |

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30 μ m mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01