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| Grade | SFI-841 |
| Product | Polypropylene, Random Terpolymer |

General Information

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| Key Features | <ul style="list-style-type: none"> - Low heat-seal temperature and wide hot-tack range - Excellent transparency, glossiness, processibility and slip property - Containing Slip and anti-blocking agent |
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| Applications | IOPP Film(POF), Shrink Film, Sealing Layer for BOPP |
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| Item | Measuring Method | Unit | Value |
|---------------------------------|------------------|---------------------|-------|
| Physical Properties | | | |
| Melt Flow Index (230°C, 2.16kg) | ASTM D1238 | g/10min | 5.5 |
| Density | ASTM D792 | g/cm ³ | 0.9 |
| Mechanical Properties | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 200 |
| Tensile Strain (Break) | ASTM D638 | % | >500 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 6,800 |
| Rockwell Hardness | ASTM D785 | R | 80 |
| Thermal Properties | | | |
| Melting Temperature | LC Method | °C | 130 |
| VICAT Softening Temperature | ASTM D1525 | °C | 114 |
| Film Properties | | | |
| Haze | ASTM D1003 | % | <1.5 |
| Heat Seal Temperature | LC Method | °C | 118 |

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

* The last update date : 2023/04/17