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| Grade | Y-135 |
| Product | Polypropylene, Homopolymer |

General Information

Key Features

- Stretched products & Flat yarn application
- Formability, Stiffness, Extensibility

Applications

- Woven bag, Tape, Rope, Fishing net

| Item | Measuring Method | Unit | Value |
|---|------------------|---------------------|--------|
| Physical Properties | | | |
| Melt Flow Index (230°C, 2.16kg) | ASTM D1238 | g/10min | 3.5 |
| Density | ASTM D792 | g/cm ³ | 0.9 |
| Mechanical Properties | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 350 |
| Tensile Strain (Break) | ASTM D638 | % | ≥100 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 15,000 |
| Rockwell Hardness | ASTM D785 | R | 98 |
| Impact Properties | | | |
| Izod Impact Strength (notched, 23°C) | ASTM D256 | kgf·cm/cm | 4.5 |
| Thermal Properties | | | |
| Heat Deflection Temperature (4.6kgf/cm ²) | ASTM D648 | °C | 107 |
| VICAT Softening Temperature | ASTM D1525 | °C | 151 |

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

* The last update date : 2022/11/18