

Sanren Y2500C (Premium-grade)

Polypropylene Homopolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with controllable rheological property, good spinnability , as well as fairly good heat-resistance.

Scope of Application: super-fine denier fabrics

| General Information | | | |
|---|----------------------------|--------------------------|-----------------|
| Features | Homopolymer | | |
| | Controlled rheology | | |
| | Heat resistance, medium | | |
| Uses | Fabric | | |
| Appearance | Colorless | | |
| Forms | Particle | | |
| Processing Method | Fiber (spinning) extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 23 - 28 | g/10 min | Internal method |
| Chlorine Content | | % | |
| Ash Content | | % | |
| Fish Eye | | | |
| 400.0 μm | 0.00 - 20.0 | pcs/1520 cm ² | |
| 800.0 μm | 0.00 - 4.00 | pcs/1520 cm ² | |
| Isotacticity | > 95 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | > 32.0 | MPa | ASTM D638 |
| Flexural Modulus | > 880 | MPa | Internal method |
| Impact | Nominal Value | Unit | Test Method |
| Unnotched Izod Impact (23°C) | > 17 | J/m | Internal method |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | > 151 | °C | Internal method |
| Optical | Nominal Value | Unit | Test Method |
| Yellowness Index | < 4.0 | YI | Internal method |
| Additional Information | Nominal Value | Unit | |

Cleanliness: 0-5 pieces/kg

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