

Prime Polypro™ F-300SP

Polypropylene Homopolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ F-300SP is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Film.

| General Information | | | |
|--|--------------------------|----------|-------------|
| Uses | Bi-axially Oriented Film | | |
| Processing Method | Film Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.910 | g/cm³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.0 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness | 100 | | ISO 2039-2 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 1400 | MPa | ISO 527-2 |
| Tensile Stress (Yield) | 34.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 120 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Unnotched Impact Strength (23°C) | 6.0 | kJ/m² | ISO 179 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 100 | °C | ISO 75-2/B |

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