

Koylene SM250N

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Koylene SM250N is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in Asia Pacific. Primary characteristic: homopolymer.

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Features | Homopolymer | | |
| Forms | Granules | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.905 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 25 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 35.3 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 9.0 | % | ASTM D638 |
| Flexural Modulus | 1420 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 25 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 152 | °C | ASTM D1525 |

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