



TotalEnergies

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Polypropylene Lumicene® MR 2002

Technical data sheet
Polypropylene – Metallocene Homopolymer
Produced in Europe

Description

Polypropylene Lumicene® MR 2002 is a metallocene polypropylene with a Melt Flow Index of 15 g/10 min.

Polypropylene Lumicene® MR 2002 is characterized by high fluidity for high speed spinning on spun laid non-woven lines where spun filaments are produced to form a web that is then thermally bonded to manufacture products for hygienic and technical uses.

Polypropylene Lumicene® MR 2002 has a special anti gas-fading formulation to reduce yellowing in fibres.

Characteristics

| | Method | Unit | Typical Value |
|----------------------------------|----------|-------------------|---------------|
| Rheological properties | | | |
| Melt Flow Index 230°C/2.16 kg | ISO 1133 | g/10 min | 15 |
| Mechanical properties | | | |
| Flexural modulus | ISO 178 | MPa | 1300 |
| Thermal properties | | | |
| Melting Point | ISO 3146 | °C | 151 |
| Other physical properties | | | |
| Density | ISO 1183 | g/cm ³ | 0.905 |
| Bulk Density | ISO 1183 | g/cm ³ | 0.525 |

Polypropylene