TOTAL Polypropylene Lumicene® MR 2001

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Polypropylene Lumicene® MR 2001 is a metallocene polypropylene with a Melt Flow Index 25 g/10 min.

Polypropylene Lumicene® MR 2001 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 2001 has a special anti gas-fading formulation to reduce yellowing in fibres.

| General Information | | |
|---------------------|----------------------|--|
| Features | Gas-fading Resistant | |
| Uses | Filaments | |
| Agency Ratings | EU 2002/72/EC | |
| | FDA 21 CFR 177.1520 | |

| Physical | Nominal Value | Unit | Test Method | | |
|---------------------------------------|---------------|----------|-------------|--|--|
| Density | | | ISO 1183 | | |
| 1 | 0.525 | g/cm³ | | | |
| | 0.905 | g/cm³ | | | |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 | | | | | |
| kg) | 25 | g/10 min | ISO 1133 | | |
| Mechanical | Nominal Value | Unit | Test Method | | |
| Flexural Modulus | 1300 | MPa | ISO 178 | | |
| Thermal | Nominal Value | Unit | Test Method | | |
| Melting Temperature (DSC) | 151 | °C | ISO 3146 | | |
| NOTE | | | | | |

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