


**TotalEnergies**

Refining & Chemicals  
Polymers

## Polypropylene Lumicene® MH140CN0

Technical data sheet  
Polypropylene – Metallocene Homopolymer  
Produced in Europe

### Description

Polypropylene Lumicene® MH140CN0 is a metallocene homopolymer polypropylene with a Melt Flow Index of 140 g/10 min.

Polypropylene Lumicene® MH140CN0 is characterized by a high fluidity and has a standard additivation package making this grade ideal for compounding and thin-wall injection moulding applications. This Lumicene® MH140CN0 differs from standard homopolymer by its shrinkage reproducibility and outstanding organoleptics. The product is characterized by a low volatile/extractable content and is therefore particularly suitable for sensitive applications like interior automotive, pet food packaging etc.

Polypropylene Lumicene® MH140CN0 is available in natural color.

### Characteristics

|                                  | Method   | Unit              | Typical Value |
|----------------------------------|----------|-------------------|---------------|
| <b>Rheological properties</b>    |          |                   |               |
| Melt Flow Index 230°C/2.16 kg    | ISO 1133 | g/10 min          | 140           |
| <b>Mechanical properties</b>     |          |                   |               |
| Flexural modulus                 | ISO 178  | MPa               | 1400          |
| <b>Thermal properties</b>        |          |                   |               |
| Melting Point                    | ISO 3146 | °C                | 150           |
| <b>Other physical properties</b> |          |                   |               |
| Density                          | ISO 1183 | g/cm <sup>3</sup> | 0.905         |
| Bulk Density                     | ISO 1183 | g/cm <sup>3</sup> | 0.525         |

### Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: [www.polymers.totalenergies.com](http://www.polymers.totalenergies.com).

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