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
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	140
Mechanical properties			
Flexural modulus	ISO 178	MPa	1400
Thermal properties			
Melting Point	ISO 3146	°C	150
Other physical properties			
Density	ISO 1183	g/cm³	0.905
Bulk Density	ISO 1183	g/cm³	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.

Polypropylene

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