TotalEnergies

Refining & Chemicals
Polymers

Polypropylene Lumicene® MR 2002

Technical data sheet
Polypropylene – Metallocene Homopolymer
Produced in Europe

Description

Polypropylene Lumicene® MR 2002 is a metallocene homopolymer polypropylene for cast film.

The specific design of the metallocene grade Lumicene® MR 2002 provides an exceptional processability on cast film lines. Films made of Lumicene® MR 2002 display an outstanding set of properties, combining exceptional optics with a toughness above conventional homopolymer based cast films.

The extremely low extractable content is favorable for organoleptic properties.

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	152
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

Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The nominal values stated herein are obtained using laboratory test specimens. These are typical values not to be construed as specification limits. Before using one of the products mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use. Unless specifically indicated, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. The Companies within TotalEnergies Petrochemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.

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