

## Description

Lumicene mPE M3423 UV is a new generation metallocene Medium Density Polyethylene (mMDPE) with hexene as comonomer.

Lumicene mPE M3423 UV is intended for the manufacture of rotomoulded items.

Lumicene mPE M3423 UV is a natural Specialty Compound available in powder form.

## Main Characteristics

Its specific molecular structure ensures:

- Superior mechanical properties
- Improved dimensional stability
- Easy processing

## Application

Suitable for monolayer and multi-layer with foam technology.

## Properties

Property	Method	Unit	Typical value (*)
Density (**)	ISO 1183	g/cm <sup>3</sup>	0.935
Melt Flow Rate (190°C/2.16kg)	ISO 1133/D	g/10min	2.7
Melting Point	ISO 11357	°C	123
Tensile Strength @ yield	ISO 527-2	MPa	18
Elongation at break	ISO 527-2	%	> 800
Tensile modulus	ISO 527-1B	MPa	590

(\*) Data not intended for specification purposes (\*\*\*) Based on natural resin

## Processing conditions

It is recommended to keep product dry prior use for production.

## Handling and storage

Please refer to the material safety data sheet (MSDS) 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 MSDS of our product.

MSDS may be obtained from the website: [www.totalrefiningchemicals.com](http://www.totalrefiningchemicals.com)

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. 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 Total 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.

