

POLYETHYLENE mPE M 4043 UV

Technical data sheet
metallocene Medium and High Density Polyethylene
Rotomoulding

DESCRIPTION >>

mPE M 4043 UV is a new generation metallocene medium density polyethylene (mMDPE) with hexene as comonomer.

mPE M 4043 UV is intended for the manufacture of large rotomoulded items.

mPE M 4043 UV is a natural grade available in powder form.

CHARACTERISTICS >>

Property	Method	Unit	Value
Density	ISO 1183	g/cm ³	0.940
Melt index (2.16 kg)	ISO 1133	dg/min	4
Melting Point	ISO 11357-3	°C	126
Tensile Strength	ISO 527	MPa	
at yield (50 mm/min)			21
at break (50 mm/min)			21
Elongation	ISO 527	%	
at yield (50 mm/min)			11
at break (50 mm/min)			800
Young Modulus	ISO 527	MPa	730
Notched Tensile Impact Resistance	ISO 8256	kJ/m ²	
23°C			> 150
- 30°C			> 150

FOOD APPROVAL >>

mPE M 4043 UV is formulated to comply with most requirements of the European food packaging regulations.

DISCLAIMER

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.



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Technical data sheet - mPE M 4043 UV • Page 2

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