

## POLYETHYLENE mPE M 3581 UV

Technical data sheet  
metallocene Medium and High Density Polyethylene  
ROTOMOULDING

### DESCRIPTION >>

mPE M 3581 UV is a second generation metallocene medium density polyethylene (mMDPE) with hexene as comonomer.

mPE M 3581 UV is intended for the manufacture of rotomoulded items.

Its specific molecular structure ensures:

- Superior mechanical properties
- Outstanding optical properties (gloss)
- Improved dimensional stability
- Easy processing

mPE M 3581 UV is a natural grade available in pellets form.

### CHARACTERISTICS >>

Property	Method	Unit	Value
Density	ISO 1183	g/cm <sup>3</sup>	0.934
Melt index <sup>2.16 kg</sup>	ISO 1133	dg/min	8
Vicat Softening Point	ISO 306	°C	121
Melting Point	ISO 11357-3	°C	123
Tensile Strength	ISO 527	MPa	
at yield (50 mm/min)			18
at break (50 mm/min)			11
Elongation <sup>at break</sup> (50 mm/min)	ISO 527	%	> 700
Flexural Modulus	ISO 178	MPa	700

## FOOD APPROVAL >>

mPE M 3581 UV is formulated to comply with most requirements of the food packaging regulations.

## DISCLAIMER

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Technical data sheet - mPE M 3581 UV • Page 3

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