

TOTAL Polyethylene Lumicene® M 3581 UV

Medium Density Polyethylene

TOTAL Refining & Chemicals

Message:

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.

General Information			
Features	Good Dimensional Stability		
	Good Processability		
	Hexene Comonomer		
	High Gloss		
	Opticals		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	6.0	g/10 min	
190°C/21.6 kg	140	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	18.0	MPa	
Break	11.0	MPa	
Tensile Strain (Break)	> 700	%	ISO 527-2
Flexural Modulus	700	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	121	°C	ISO 306
Melting Temperature (DSC)	123	°C	ISO 3146

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Recommended distributors for this material

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