

TOTAL Polyethylene Lumicene® M 4041 UV

Medium Density Polyethylene

TOTAL Refining & Chemicals

Message:

Lumicene® mPE M 4041 UV is a new generation metallocene medium density polyethylene (mMDPE) with hexene as comonomer.
Lumicene® mPE M 4041 UV is intended for the manufacture of large rotomoulded items.
Lumicene® mPE M 4041 UV is a natural grade available in pellets form.

General Information			
Features	Hexene Comonomer		
	Medium Density		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	21.0	MPa	
Break	21.0	MPa	
Tensile Strain			ISO 527-2
Yield	11	%	
Break	800	%	
Flexural Modulus	730	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	> 150	kJ/m²	
23°C	> 150	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	126	°C	ISO 11357-3

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

