

TOTAL Polyethylene Lumicene® M 3423 UV black

Metallocene Medium Density Polyethylene

TOTAL Refining & Chemicals

Message:

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

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

Lumicene mPE M3423 UV black is a 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.

General Information			
Features	Good dimensional stability		
	hexene comonomer		
	Workability, good		
	Medium density		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Forms	Powder		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	590	MPa	ISO 527-2/1B
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	> 800	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	123	°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

