

# TOTAL Polypropylene Lumicene® MR 10MX0

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Lumicene® MR10MX0 is a metallocene random copolymer with a Melt Flow Index of 10 g/10 min for injection and injection stretch blow moulding. Lumicene® MR10MX0 differs from the other random copolymers by its moulding reproducibility, outstanding organoleptic properties combined with low extractables, outstanding transparency and gloss. Producers of rigid food packaging including baby bottles, caps and closures, medical device and packaging, houseware and kitchenware will take full advantage of the new Lumicene® random metallocene product range. We hereby confirm that we do not use peroxide in the manufacturing of the above-mentioned Product.

General Information			
Features	Good Organoleptic Properties		
	High Clarity		
	High Gloss		
	Low Extractables		
	Random Copolymer		
Uses	Bottles		
	Caps		
	Closures		
	Food Packaging		
	Household Goods		
	Medical Packaging		
	Medical/Healthcare Applications		
	Packaging		
Processing Method	Injection Molding		
	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.53	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1250	MPa	ISO 527-2
Tensile Stress (Yield)	31.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.0	kJ/m <sup>2</sup>	ISO 180

Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	140	°C	ISO 3146

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

