

TOTAL Polypropylene Aceso® Lumicene® MR 10MM0 S01

Polypropylene Random Copolymer
TOTAL Refining & Chemicals

Message:

Lumicene® MR10MM0 is a metallocene random copolymer with a Melt Flow Index of 10 g/10 min specially developed for the extrusion of film and injection stretch blow moulding for the medical application, to the exclusion of implants.
Lumicene® MR10MM0 differs from the other random copolymers by outstanding organoleptic properties combined with ultra low extractables.

General Information			
Features	Good Organoleptic Properties		
	Low Extractables		
	Random Copolymer		
Uses	Medical/Healthcare Applications		
Processing Method	Film Extrusion		
	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Apparent Density	0.53	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	950	MPa	ISO 527-2
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.5	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	137	°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

