

TOTAL Polypropylene Lumicene® MR 30MC2

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Lumicene® MR30MC2 is a metallocene random copolymer with a Melt Flow Index of 30 g/10 min for injection moulding. Lumicene® MR30MC2 differs from the other random copolymers by its moulding reproducibility, outstanding organoleptic properties combined with low extractables, excellent transparency and gloss. Producers of rigid food packaging, 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	Caps		
	Closures		
	Household Goods		
	Medical/Healthcare Applications		
	Packaging		
	Rigid Food Packaging		
Agency Ratings	EU 2002/72/EC		
	EU 2004/1/EC		
	EU 2004/19/EC		
	EU 2005/79/EC		
	EU 2007/19/EC		
	EU 2008/39/EC		
	EU 975/2009/EC		
Processing Method	FDA 21 CFR 177.1520		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Apparent Density	0.53	g/cm³	ISO 60
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2

Tensile Stress (Yield)	31.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	140	°C	ISO 3146

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Recommended distributors for this material

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