TOTAL Polypropylene Lumicene® MR 110MC2

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Lumicene® MR110MC2 is a metallocene random copolymer with a Melt Flow Index of 110 g/10 min for injection moulding. This Lumicene® MR110MC2 high fluidity differs from standard random copolymers by its moulding reproducibility, outstanding organoleptic properties combined with low extractables, excellent transparency and gloss, high rigidity combined with superior impact resistance.
Producers of rigid food packaging, caps and closures, medical device and packaging, houseware and kitchenware, and more generally of thin wall packaging, 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 Impact Resistance
	Good Organoleptic Properties
	High Clarity
	High Gloss
	High Rigidity
	Low Extractables
	Random Copolymer
Uses	Caps
	Closures
	Food Packaging
	Household Goods
	Kitchenware
	Medical Packaging
	Packaging
	Rigid Food Packaging
	Thin-walled Packaging
Agency Ratings	EC 1907/2006 (REACH)
Processing Method	Injection 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)	110	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

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