

## Total Lumicene® MR30MC2 Metallocene Random Copolymer Polypropylene, Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Lumicene® MR30MC2 is a metallocene random copolymer with a melt flow index of 30 g/10 min for injection molding. Lumicene® MR30MC2 differs from the other random copolymers by its molding reproducibility, outstanding organoleptic properties combined with low extractables, excellent transparency and gloss. Producers of rigid food packaging, caps and closures, medical device and packaging, housewares and kitchenware will take full advantage of the new Lumicene® random metallocene product range. Peroxide is not used in the manufacturing of the above mentioned product. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-Lumicene-MR30MC2-Metallocene-Random-Copolymer-Polypropylene-Injection-Molding.php](http://www.lookpolymers.com/polymer_Total-Lumicene-MR30MC2-Metallocene-Random-Copolymer-Polypropylene-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ISO 1183
Bulk Density	0.525 g/cc	0.0190 lb/in <sup>3</sup>	ISO 1183
Melt Flow	30 g/10 min	30 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ISO 572-2
Elongation at Yield	10 %	10 %	ISO 572-2
Tensile Modulus	1.30 GPa	189 ksi	ISO 572-2
Flexural Modulus	1.25 GPa	181 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	140 °C	284 °F	ISO 3146

## Contact Songhan Plastic Technology Co.,Ltd.

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