

Total Lumicene® MR60MC2 Metallocene Random Copolymer Polypropylene, Injection Molding

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

Material Notes:

Lumicene® MR60MC2 is a metallocene random copolymer with a melt flow index of 60 g/10 min for injection molding. Lumicene® MR60MC2 differs from standard random copolymers by its molding 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, 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-MR60MC2-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 ³	ISO 1183
Melt Flow	60 g/10 min @Load 2.16 kg, Temperature 230 °C	60 g/10 min @Load 4.76 lb, Temperature 446 °F	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 ²	2.38 ft-lb/in ²	ISO 180

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

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