

Ultra high flow Metocene PP-RaCo



Basell's new Metocene RM1957 provides a hitherto unachieved combination of high stiffness and impact resistance, very low warpage, outstanding transparency, and exceptionally high flow.

For highly transparent thin-walled packaging

Metocene RM1957, a nucleated PP random copolymer made by Metallocene catalyst technology, is especially well suited for particularly thin-walled injection mouldings, specifically hard packs for consumer goods and food products depending on an optimum visual presentation of their contents. Additional antistatic properties ensure lasting shelf appeal at the point of sale.

High cost-saving potential

To the packaging manufacturer, the ultrahigh flow Metocene RM1957 (MFI = 140 g/10 min at 230 °C/2.16 kg) offers significant cost-saving potentials in the two-digit percentage range. This is due, on the one hand, to its high stiffness of 1,600 MPa, which permits wall thickness reductions down to as little as 0.4 mm, depending on the applica-

tion. On the other hand, there is its low specific gravity of just 0.9 g/cm³ which can yield further cost savings compared to conventional highly transparent packaging plastics, at a similar price per kilogramme.

Forward-looking for food-packaging applications

Thanks to its high purity and very good organoleptic properties, Metocene RM1957 is approved for food contact. In addition, it offers a high level of safety in view of the exacting requirements imposed by today's food packaging regulations with regard to the migration of volatiles.

Metocene is a Basell trademark.