

New Ultra High Flow 10 MFI Roto Grade Revolve 6105U

Matrix Polymers has recently developed a unique Roto grade **Revolve 6105U** which offers

- 10 MFI – so outstanding surface detail, aesthetics and no-pinholes
- High flow means easier moulding of tight edges, threads and around inserts
- Faster moulding cycles and increased productivity without sacrificing the impact properties.

Those are all key factors for applications such as the “Demon Lamp”. Due to the tight corners and very narrow angles conventional materials such as those characterised by 5 or 6 melt index would struggle to cover the mould. The dimension of this product are 40 com width, 40 com height and 23 cm depth.



Demon lamp

Other applications where high flow material is needed are mottle or special effects such the wood effect as illustrated in the picture below and furniture.

The definition of the details requires good quality mould but high flow material properties.



Wood effect - detail



Bar - furniture

Revolve 6105U is a 0,935 density, 10 MFI, hexene (C6) material designed by Matrix to have a wide and forgiving processing window, fully stabilised and tough inspite of having such a high melt flow index.

Matrix Polymers is uniquely specialised in developing and producing materials just for the Rotomoulding process and supplies and supports Rotomoulders globally. The company believes that our industry will continue to expand and new applications will be able to be developed by introducing fresh, innovative and exciting new materials.

For any information about Matrix Polymers and any other product please contact your sales representative or send an email to technical@matrixpolymers.com