



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 15 décembre 2022

Research & Patents

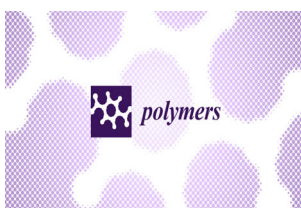
Method and formulation for rotomoulding recycled polymer and products thereof



The invention relates to a rotomoulded product comprising at least two layers of material that form a wall of the product, at least one of the layers comprising post-consumer recyclate (PCR) and at least one of the layers comprising virgin PE. The invention also relates to a formulation for rotomoulding a product and method of manufacturing such a product by rotational moulding. Thus, the invention relates to products, formulations and methods of manufacture and provides new options for reusing waste polymer material, particularly waste polyethylene.

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Recent Developments in Inorganic Composites in Rotational Molding



Rotational molding allows for obtaining hollow parts with good aesthetics and properties, having as main drawbacks the lack of pressure and the long cycle times, which limit the range of materials. Different fillers have been introduced in rotomolding to obtain composite materials assessed. This review has shown that glass fibers or particles are the most

common material among them, although carbon fibers or clays have also been studied.

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Rotomolding Market News - Africa

DMS introduces ASTM-complaint dust fallout unit



Dust monitoring solutions manufacturer Dust Monitoring Services (DMS) has introduced a fully compliant ASTM D1739-98 unit, which includes a bespoke, ultraviolet (UV) stabilised linear low-density polyethylene (LLDPE) bucket and lid. The 100% locally manufactured unit was launched at the beginning of October and required the development of a rotomoulded bucket and lid to solve a longstanding compliance issue, as many dust fallout units installed across South Africa, generally, use non-compliant bucket sizes or ineffective solutions to collect dust fallout samples.

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Rotomolding Market News - Asia

Rotolining and rotomoulding expert Polycon showcases capabilities at Big 5



The UAE-based company Polycon Gulf is showcasing its expertise at The Big 5 show. It plans to expand its rotomoulding and rotolining lines in Qatar as well as other business verticals in relevant markets in the near future. Polycon has seen rapid growth in Saudi Arabia and Oman too. As part of its expansion, the company now plans to invest in and introduce polytetrafluoroethylene (PTFE) linings for corrosion protection at high temperatures. But Polycon Gulf is taking its innovation streak beyond its pioneering rotolining technique.

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