



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 22 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.

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#### **A rotational moulded bund enclosure for an intermediate bulk container**



A rotational moulded bund enclosure for an intermediate bulk container (IBC), the enclosure having four walls, that define a generally square or rectangular exterior and a roof integrally connected to upper ends of the walls. The enclosure having an interior and a bottom portion of the interior forming a liquid containment area.

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#### **Ruggedized environmental control unit**



The present disclosure is directed to implementation of an environmental control unit using rotomolded techniques to fabricate the structures of the unit instead of the standard conventional sheet metal, extruded, forged, and punched parts. Such implementations will provide a lighter weight and more durable mechanical configuration that will also simplify inspection, simplify assembly/disassembly, and reduce fabrication costs.

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### **CONTAINER FOR AQUATIC LIVE BAIT**



A roto-molded aerated and insulated container for aquatic live bait with a seamless base into which is molded an air pump and a rechargeable battery receiver. Also molded into the base is a tubing channel interconnecting the air pump and an air stone positioned centrally in the bottom of the container. A lid hinged to the base has a gasket with air vent cut-outs sealed to a ridge formed on the rim of the base and with an ice pack attached to an underside of the lid with a strainer basket attached with straps.

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### **ANIMAL FEEDER**



An animal feeder 10 including a container 12 for containing feed, a lid 14 and a feeding trough 16. The container 12 being rotationally moulded in one piece and having an open top 22 through which feed can be delivered into the 5 container 12 and which is closable by the lid 14. A lower passage 30 is provided for delivering feed to the feeding trough 16, the lower passage 30 being defined between a sloping base 36 of the container 12 and a lower side wall 34 of the container 12.

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## **Rotomolding Market News - Europe**

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### **Hexpol completes acquisition of specialised US compounding business**



Rubber and plastics compounder Hexpol has completed its previously announced purchase of family-owned US compounder McCann Plastics LLC, for \$120 million (€123 million). Based in North Canton, Ohio, the acquired business specialises in niche thermoplastics compounds, with special focus on rotational moulding applications. According to an earlier Hexpol announcement in November, the US company

delivered sales of \$72 million last year with a profitability level “just below that of the Hexpol Group”.

**Click here to read more :** [www.european-rubber-journal.com](http://www.european-rubber-journal.com)

## Rotomolding Market News - North America

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### **Hamilton manufacturer Kaivac expands by acquiring plastics maker**



Kaivac, a Hamilton-based science-based cleaning systems manufacturer, announced the acquisition of Clermont County-based Eger Products and will add a manufacturing division and part of its supply chain in-house. Eger Products will be rebranded as Expert Roto Molding, A Division of Kaivac. According to Kaivac Chief Growth Officer, this purchase will help protect the company supply chain and make Kaivac more competitive.

**Click here to read more :** [finance.yahoo.com](http://finance.yahoo.com)

### **Cascade plant relies on high-tech machines to create parts**

18/12/2022



Through the hustle and bustle of the Centro Inc. facility in Cascade’s industrial park, the arms of a three-pronged machine move through the air with carefully thought-out precision. The rotational molding machine moves through the various stages of creating parts like a choreographed dance, spinning all the while in a slow, deliberate motion. The smallest molds are the size of large suitcases — the largest, closer to small cars.

**Click here to read more :** [www.ourmidland.com](http://www.ourmidland.com)

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