



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 16 mars 2023

### Events

#### **Rotational moulding conference ARMO makes return for 2023**

06/03/2023

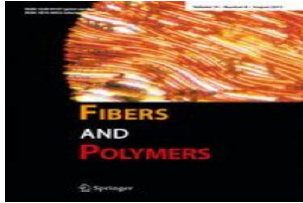


The Affiliation of Rotational Moulding Organisations (ARMO) is a group of organisations that provide services to the global rotational moulding industry. It runs the ARMO event, with every edition typically taking place in a different host country. The previous ARMO show, held in Hamburg in 2018, had 567 attendees and 52 exhibitors. ARMO 2023 is being jointly organised by Rotopol and the British Plastics Federation (BPF).

Click here to read more : [interplasinsights.com](https://interplasinsights.com)

### Research & Patents

#### **Influence of Rice Husk Particles on Mechanical and Vibration Damping Characteristics of Roto-Molded Polyethylene Composites**



Linear low-density polyethylene (LLDPE) is one of the most widely used thermoplastics in the roto-molding (RM) process. This energy-intensive and costly method can be replaced by adding filler particles to LLDPE for enhancing the mechanical and vibration-damping characteristics. This study focuses on the behavior of Rice Husk (RH) particles as effective reinforcement on roto-molded LLDPE. The LLDPE-RH composites were molded and tested for modal analysis, mechanical characterization, and morphological properties. Experimental modal analysis (EMA) results proved that the incorporation of RH improves the natural frequency of the composites.

Click here to read more : [link.springer.com](https://link.springer.com)

## Rotomolding Market News - Africa

---

### **Rotomolded solutions for the construction market in Mauritius**

09/03/2023



Founded in 1991 through a joint venture with Solco Ltd Australia, Mauritius-based Duraco Ltd. has pioneered the local manufacture of quality polyethylene products and specializes in the rotational molding process. In an effort to protect the environment, Duraco has expanded into several segments including water, sanitation, renewable energy and other environmentally friendly products. As a subsidiary of the Taylor Smith Group, Duraco Ltd. has throughout its history contributed to the improvement of the living environment of the Mauritian population by responding to its needs. (Translated from French)

Click here to read more : [www.business-magazine.mu](http://www.business-magazine.mu)

## Rotomolding Market News - Europe

---

### **Rotomolded frontal tanks for liquid fertilization**



The French brand Agrisem has developed the Liquid range of front tanks. Designed for liquid fertilization, this rotomolded polyethylene equipment is available in six capacities: 700, 1100, 1200, 1500, 1800 and 2200L. (Translated from French)

Click here to read more : [www.reussir.fr](http://www.reussir.fr)

### **Rotomod's Bon Encontre site is changing**

16/02/2023



The head office of the ROTOMOD company located in Bon Encontre is carrying out major works on its site. A seventh oven dedicated to rotational molding is currently being installed. Several phases followed one another before the company could set up this new equipment. A team bringing together operators, a team leader, a maintenance agent, a workshop manager, factory management officers and management has been set up. This group studied the technical feasibility of the project, visited the industrial sites of similar companies and drew up plans to accommodate the new machine. The factory and workflows reorganization includes a new building of 1600 m<sup>2</sup> that's been erected onsite to accommodate the new furnace. The direction of traffic on the site has therefore been disrupted. It was then necessary to create an opening to the east of the plant to accommodate heavy goods vehicles for pick-ups and deliveries. The new oven was provided by company SAT THERMIQUE. (Translated from French=

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

## Rotomolding Market News - North America

---

### **Why we switched over to roto mold intakes**



According to the company SXTM Element Engineering, Roto molding (rotational molding) is a unique manufacturing process used in the production of automotive intakes. One of the benefits of using the roto molding process for automotive intakes is its ability to produce large and complex shapes with ease.

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

---