



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 29 avril 2021

### Research & Patents

#### **Thermoplastic material for rotomolding**



The invention relates to the use of thermoplastic compositions containing amorphous (co) polymer resins based on vinyl aromatic monomers, partially crystalline polymers and compatibilizers for the production of molded parts by a rotary melting process (rotational molding), as well as 'a method of producing a part via a rotary melting process. (Translate from German)

Click here to read more : [bases-brevets.inpi.fr](https://bases-brevets.inpi.fr)

#### **Adhesion Improvement between PE and PA in Multilayer Rotational Molding**



The aim of this study is to investigate a multilayer structure made of polyethylene and polyamide by rotational molding. Due to the different polarity of these polymers, it is difficult to ensure enough adhesion between created layers. Two methods leading to improve adhesion are introduced. Plasma modification of polyethylene powder, after which new functional groups are bound to the treated surface, may enhance specific adhesion by forming hydrogen bonds with-CONH groups of polyamide.

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

### Rotomolding Market News - Europe

#### **Construction of the Befoil 16 Sport : sturdy yet high performance materials**



Since the launch of its 1st model, designed primarily for sailing clubs, the Lorient-based shipyard has reviewed its bastics to lighten its boat and make it more efficient. While the Befoil 16 had hulls made of rotomolded polyethylene, produced in partnership with the Erplast shipyard, the new Befoil 16 Sport is fitted with glass fiber and vinyl ester resin floats, implemented under infusion by the Spanish shipyard Mestral Marine Works (MMW ), renowned for its construction of racing-cruising sailboats. (Translated from French)

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

### **93/5000 Résultats de traduction Councilor Guidesi's tour of Lombardy companies starts from Val Seriana and Bergamo**

23/04/2021



The councilor met the directors of the 'Persico Group', a company that operates in strategic sectors such as the automotive, medical, rotational molding and architecture markets. It is also active in the aerospace sector and in high-performance boat construction. (Translated from Italian)

**Click here to read more :** [www.bergamonews.it](http://www.bergamonews.it)

## **Rotomolding Market News - North America**

### **Fibertech adds new rotational molding machine to Indiana facility**

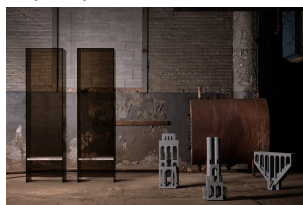


Fibertech Inc., a manufacturer of custom-engineered, rotational-molded plastic products including bulk containers, plastic pallets, and plastic lockers, has announced the recent addition of a Rotoline 260 press to its state-of-the-art facility in Elberfeld, Indiana. Fibertech says the Rotoline 260 machine will allow the company to expand its custom contracts division to produce more custom small to medium size parts.

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

### **Virtual exhibition celebrates contemporary Canadian design**

22/04/2021



Il cities that have suffered from political pressure become creative in a way,' says Nicolas Bellavance-Lecompte, the Milan-based curator, gallerist and founder of roving design fair Nomad, whose latest project is 'Fictions', a survey of the contemporary Canadian design scene of his hometown, Montreal Also neighbours in the building are Guillaume Sasseville and Claste. Sasseville, a product designer and lecturer at the UQAM design faculty, investigated the application of industrial-scale recycled plastics. Using

rotational moulding techniques, he created a series of monolithic furniture, its forms determined by simple cuts.

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

### **10 Highlights from 'Fictions,' a Virtual Showcase of Design in Montreal**

22/04/2021



**SSSVLL, *Primitive Chair*** : A highlight of the "Industrial Fragment" collection, this chair takes its form from gears and machinery and its material palette from hand-machined, rotational molded polyethylene.

**Click here to read more :** [www.interiordesign.net](http://www.interiordesign.net)

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