



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 29 septembre 2022

### Research & Patents

#### **POLYMER COMPOSITION FOR ROTATIONAL MOULDING**



A polymer composition suitable for rotational moulding comprising at least about (A) 95% by weight of polyamide 6 (PA6), (B) up to 5 wt % of an additive package comprising one or more of (i) a light, heat and /or UV stabilizer, (ii) antioxidant, (iii) rotational moulding processing aid, and (iv) lubricant/mould release agent.

Click here to read more : [worldwide.espacenet.com](http://worldwide.espacenet.com)

#### **Influence of Giant Reed Fibers on Mechanical, Thermal, and Disintegration Behavior of Rotomolded PLA and PE Composites**



This paper assesses the modifications in the properties of rotomolded polyethylene (PE) and polylactic acid (PLA) composites obtained with 5 and 10% giant reed fibers, mainly focusing on the alterations due to a bio-disintegration process. Thermal properties (melting temperature and crystallinity degree), morphology (via optical and scanning electron microscopy), and chemical changes (by Fourier Transformed Infrared spectroscopy) were studied.

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

#### **ROTOMOLDED PARTS PREPARED FROM BIMODAL POLYETHYLENE**



A dual reactor solution process gives high density polyethylene compositions containing a first ethylene copolymer and a second ethylene copolymer and which have good processability, toughness, and environmental stress crack resistance. The polyethylene compositions are suitable for the preparation of rotomolded parts.

Click here to read more : [worldwide.espacenet.com](http://worldwide.espacenet.com)

## Rotomolding Market News - Europe

---

### **New application for rotomoulding: a mobile medical laboratory**



ID ROTO SOLUTION participated in the development of the Mini Lab on behalf of Médecins Sans Frontières (Doctors Without Borders). The Mini Lab makes it possible to carry out bacteriological analyzes essential for the diagnosis of certain infections while on field. (Translated from French)

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

## Rotomolding Market News - North America

---

### **One week since #NRPAconference2022 and the Dave Bang family are excited to elucidate highlights from the event: Lets talk about Playworld Inc. systems and their innovative designs**



As impressive as it looks, this slide is the world's largest rotomolded slide and can fit our crew on it no problem – even our leader John Wormell, front and center, cannot get enough of the slide. Known as The Mighty Descent, this slide is 8-feet wide and can accommodate multiple children sliding at once, building massive, inclusive experiences for all ages.

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

---