



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 18 février 2021

### Events

#### **2021 Rising Stars: Hassan Riaz**



Born in Lahore, Pakistan, Hassan Riaz and his family moved to Canada when he was 2 years old. He graduated from the University of Waterloo with a bachelor's degree in chemical engineering and started working for Calgary, Alberta-based polyethylene maker Nova Chemicals Corp. in 2018 as a technical service specialist. Riaz is a member of the Association of Rotomolders, Industrial Packaging Alliance of North America and subcommittees, Rigid Intermediate Bulk Container Association and Plastic Drum Institute. He has been a panelist and presenter at ARM's regional and annual meetings. He said speaking at his first ARM conference in 2019 has been his greatest accomplishment. He attended his first ARM conference in Montreal — when he was just out of school and working for Nova for five months — and watched his co-worker and mentor present to more than 300 molders.

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

#### **ARMO launches its first webinar**



ARMO has launched its first webinar, which is entitled 'Rotatic Moulding Masterclass'. This will take place at 12.00 – 13.00 time on Tuesday 30 March. The event will feature two speak and is based on the recent AFR session.

The topics are:

- Efficient Demoulding – Featuring our very own Oliver Wandres

- 'Expand your horizons:- New moulding technologies, New materials, New Future' Matteo Cortesi, Persico Spa

This event is exclusively available **only** to ARMO member companies and is free to attend.

You can find more details and book your place <https://attendee.gotowebinar.com/register/44119711393230745>

For those persons who are interested in attending the event but the time does not suit them I can confirm that we will be recording the event and making the recording available via a youtube link exclusively to people who book onto the event.

I would please ask you to promote this event to your affiliates in your newsletters and emails. There is a full description on the link above but I am happy to write wording where requested if this will prove helpful.

I would also like to take this opportunity to offer my heartfelt thanks to Anne at AFR who has given me much help in getting the event together.

Kind regards  
Paul Baxter

**Click here to read more :** <https://polyvia.kbplatform.com/source/364454/>

## Research & Patents

---

### **Process for Forming a Rotational Molded Article**



The present disclosure provides a process. The process includes providing a blend containing (A) a first powder including (i) a polyolefin having a density from 0.860 g/cc to 0.910 g/cc, and a melt index from 1.5 g/10 min to 1,000 g/10 min; (ii) from 1 wt % to 15 wt % of a dispersant selected from an acrylic dispersant, a poloxamer, and combinations thereof; and (iii) optionally, a polyolefin wax, the first powder having a mean volume average particle size from 1  $\mu\text{m}$  to 300  $\mu\text{m}$ ; and (B) a second powder including an ethylene/ $\alpha$ -olefin copolymer having (i) a density from 0.920 g/cc to 0.955 g/cc; and (ii) a melt index from 1.0 g/10 min to 15 g/10 min, the second powder having a mean volume average particle size from 325  $\mu\text{m}$  to 4,000  $\mu\text{m}$ ; and rotational molding the blend to form a rotational molded article.

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

### **Manufacturing method of rotationally molded dumbbell or barbell plate**



A manufacturing method of a rotationally molded dumbbell or barbell plate comprises the following steps: (1) prefabricating a dumbbell or barbell plate shell mold, wherein a filler opening is formed in the mold; (2) adding plastic into the mold, and then putting the mold into a rotational molding machine to manufacture a plate shell; and (3) filling the prepared plate shell with filler and sealing the opening. Compared with the prior art, the method has the advantages of low cost, high product strength and various product shapes.

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

## Rotomolding Market News - Europe

---

### **Wastewater treatment stations made from recycled plastics !**

12/02/2021



Two Liège-based companies (Belgium), Comet and Eloy Water, are joining their forces with researchers from Certech and the University of Liège to kick off the innovative industrial project "Pur4Up", which aims to create a new recycling channel for recycled plastics, through their integration into the manufacture of latest generation wastewater treatment plants. (Translated from French)

Click here to read more : [www.dhnet.be](http://www.dhnet.be)

## Rotomolding Market News - North America

---

### **Aerospace and defence: entering a new era with pelican**

12/02/2021



Pelican-Hardigg Light Lift series cases are up to 30% lighter than traditional rotationally moulded cases, providing considerable logistics savings with less manpower and fewer resources required. The new Light Lift case family is geared toward two or four man carry applications with a maximum 136 kg. gross payload. This new case line offers the same protection and passes the same rigorous MIL-SPEC testing as traditional Pelican-Hardigg rotationally moulded cases.

Click here to read more : [www.defencweb.co.za](http://www.defencweb.co.za)

### **Simplay3 makes weathering 2020 look like child's play**



The third company founded by rotomolding legend Tom Murdough adapts and thrives despite challenges posed by pandemic. Looking back on the unprecedented year that was 2020, Jim Miller said it wasn't an unalloyed good or bad year for his rotomolding company. "I'd say it was mixed, because I think the sales and the demand is where we were expecting, but we just didn't have the workforce throughout part of the year to make what we needed," he said.

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

---