



## Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 7 avril 2022

### Research & Patents

#### **Creep behaviour of rotomouldable grade materials: A comparative study**



This study presents a comparative analysis of the creep behaviour of PP with two commercially used hexene (C6) and butene (C4) grades of LLDPE to understand the long-term performance of products made out of these materials.

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

#### **Fluidized bed rotational molding**



Embodiments of the present disclosure include a rotational molding device. The rotational molding device comprises a frame, a vessel coupled to the frame and configured to be heated or cooled, and a mold coupled to the frame and configured to rotate about a first axis by a first rotation mechanism and configured to rotate about a second axis by a second rotation mechanism.

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

#### **Rotational molding composition**



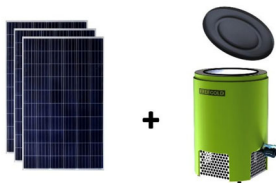
Compositions for forming rotationally molded (rotomolded) parts, methods for forming the rotomolded parts, and the rotomolded parts are provided. An exemplary rotomolding composition includes a virgin resin, including a polyethylene polymer, and a postconsumer recycle (PCR) resin.

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

## Rotomolding Market News - Europe

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### **PV-powered refrigerated tank for milk storage**



Toulouse-based start-up Freecold has developed a PV-powered, battery-free mini tank for the storage of milk, juice, beverages, or food products. The device has been designed for the needs of small producers, which do not need large storage tanks. “The outer body of the double-walled tank is rotomolded in an unbreakable, impact-resistant plastic and injected with polyurethane foam to limit heat losses,” the manufacturer said.

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

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