



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 30 juin 2022

Machinery & Process

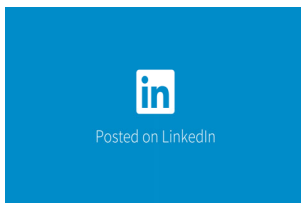
La tecnologia Bio-Gran di CMG a Packaging & Recycling 2022



Il 29 e il 30 giugno CMG prende parte a Packaging & Recycling 2022, evento dedicato agli imballaggi plastici dalla progettazione al riciclo post consumo in programma presso il Museo Storico Alfa Romeo di Arese (Milano), dove propone la tecnologia Bio-Gran per il riciclo di plastiche biodegradabili.

Click here to read more : [Macplasonline](#)

What is a ROTOCOCOTTE ? Don't you wonder about it ? (Or how to build a rotomolding machine for 50 euros)



Frédéric Bonin tells the tale of the more or less improbable encounter between a cement mixer and a pressure cooker. (Post in French)

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Research & Patents

Study of the rheological properties of polymers intended for the rotational molding of the sealing bladders of hydrogen storage tanks in the context of the development of ultrasonic instrumentation



Proposal for an 18-monthlong post-doctoral thesis by the GREMAN Laboratory (Research Group in Materials, Microelectronics, Acoustics and Nanotechnology) at INSA Center Val de Loire in Blois and at the University of Tours: The proposed post-doctorate is part of the Collaborative - Company (PRCE) research project "Uihys" (SimUlation of rotomolded poLYmer viscosity for HYdrogen by ultraSonic testing method) funded by the ANR, and will take place within the GREMAN laboratory . The hydrogen storage tanks studied consist of a thermoplastic sealing bladder manufactured by rotational molding, and a composite shell manufactured by filament winding. (Translated from French)

Click here to read more : <https://polyvia.kbplatform.com/source/592786/>

Manufacture and Characterization of Polypropylene (PP) and High-Density Polyethylene (HDPE) Blocks for Potential Use as Masonry Component in Civil Construction



The lack of suitable destinations for plastics materials can be a global environmental problem. The alternative use of materials for sustainable construction encourages the standardization of waste and promotes effective social, environmental and economic gains at the local level and ensures savings and income for communities. The aim of this paper is the development, manufacture, and characterization of PP and HDPE recycled polyolefin blocks as masonry components in civil construction. These blocks were manufactured by the rotational molding process. Besides this, the mechanical, physical, impact and flammability properties of the blocks were studied. In conclusion, HDPE showed better behavior than PP in tests realized.

Click here to read more : www.mdpi.com

Rotomolding Market News - Europe

Juju, the playful little table



Whether used as a coffee table or as stool, Juju presents simple forms and a refined design. All in roundness, it is both stable and light and just as qualified to appear in the garden as to be enthroned in the living room. Created by Garth Roberts for the Serralunga brand, it is made of rotomolded polyethylene and is UV and weather resistant. (Translated from French)

Click here to read more : plastic-lemag.com

An Icelandic homecoming for rotomolding

08/06/2022



Iceland is reclaiming its status as home to a global rotomolding business; Rosti Group AB's molding operations in Poland are improving its carbon footprint; and single-use plastics are banned at national parks — again.

Click here to read more : www.plasticsnews.com

Rotomolding Market News - North America

Dometic Patrol 's rugged 75 Cooler

13/06/2022



One of five models in Dometic's rugged roto-molded polyethylene Patrol cooler series, the Patrol 75 features thick polyurethane insulation and an airtight lid seal to keep ice frozen for days. Nonskid feet prevent it from sliding on deck.

Click here to read more : www.boatingmag.com
