



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 1 septembre 2022

Events

AFR Master Class 2022



The AFR Master Class is the major event for all the actors in the french rotational moulding value chain. 2022 is the twentieth edition of this meeting, proof of its longevity and the interest it has shown each time. This event is indeed appreciated for its technical contributions on the latest developments in the process, its enlightening visions on the evolution of the profession, and also, its convivial moments conducive to better knowing each other, exchanging and finding business opportunities. We are therefore very pleased to invite you to the 2022 edition in LYON, which will mark the return to normality of our meetings after two years of deprivation of face-to-face events, and will also be a decisive step in demonstrating once again the value-creating dynamics of our industry (Note in french).

Click here to read more : www.rotomoulage.org

ARMA ROTOMOULD 2022



It has been three years since we all gathered for a Rotomould conference, and no one would have foreseen what change was to come or how our industry would have thrived throughout the challenges when we were all last together in 2019. ARMA

and its Board of Directors are excited to be planning a conference again in September and from recent conversations it seems the urge to reconnect extends industry wide. I know we are all busy and it might be difficult to find time out of your business, but this conference will provide a fantastic opportunity to update your knowledge, benchmark your business, improve your own softer skills and network again with your supply chain and colleagues.

Click here to read more : arm.memberjungle.com

Research & Patents

Development of cast aluminium alloys for plastic moulding



Manufacturing of plastic goods by rotational moulding relies on aluminium tooling to reduce energy consumption as their thermal and electrical conductivities are enhanced and their weight is reduced. Moulding is carried out at high temperatures, and a considerable amount of energy is consumed by heating up the moulds and hence the interest on the evaluation of the thermophysical properties of potential aluminium alloys. This work reports the results of studies conducted on a series of cast Al-Si-Cu alloys that may be used for producing tooling and moulds.

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Non classé(s)

Renewable-Energy Powered Storage System Slashes Roto-Molder's Fuel Costs and GHG Emissions

19/08/2022



A novel thermal energy storage system powered by renewable energy is substantially cutting greenhouse gas (GHG) emissions during the rotational molding of polyethylene water tanks. Fortlev, which makes water storage solutions including tanks, pipes, and connectors, is using a Brenmiller Energy bGen Thermal Energy Storage (TES) unit at its production facility in Anápolis, Brazil. The 1-MWh bGen unit uses renewable biomass instead of natural gas to heat the air for Fortlev's roto-molding process. This lowers fuel costs for the process by 75% and cuts associated GHG emissions by about 800 metric tons a year.

Click here to read more : www.plasticstoday.com
