



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 17 septembre 2020

Machinery & Process

Stopol building larger facility to handle growth

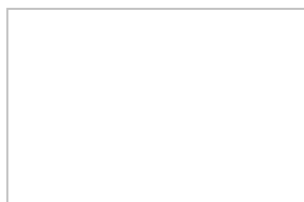


Stopol Equipment Sales LLC plans a spring move to a new headquarters in Ohio following years of growth in Brunswick as a reseller of pre-owned and new plastic processing equipment. Formed in 2009 when employees purchased Stopol Inc., according to its website, Stopol has a diverse list of clients buying machines and auxiliary equipment for injection molding, extrusion, blow molding, rotational molding and thermoforming.

Click here to read more : www.plasticsnews.com

Research & Patents

METHOD AND FIXTURE FOR MOLDING A TANK WITH AN EMBEDDED RING



A method of and fixture for molding a product with an embedded ring. A system for molding a ring into a product including a rotational molding mold with an opening formed in the rotational molding mold sized to fit a ring. A fixture is removably couplable to the ring, wherein the ring and the fixture when coupled are removably couplable in the opening. The fixture is removed from the ring after the ring is molded into a product. A method of manufacturing a product with an embedded ring includes: coupling a ring to a fixture; clamping the fixture and the ring in an opening in a mold top; clamping the mold top to a mold bottom; rotomolding a product; unclamping the fixture from

the mold top; uncoupling the fixture from the ring; unclamping the mold top and the mold bottom; and removing the product from the mold.

Click here to read more : worldwide.espacenet.com

Rotational molding of biocomposites with addition of buckwheat husk filler
Structure-property correlation assessment for materials based on polyethylene (PE) and poly(lactic acid) PLA - ScienceDirect



The main subject of the project is to obtain a natural filler polymer composite through the rotational molding process (rotomolding). For the purpose of comparison, two varieties of a matrix polymer were used: linear low-density polyethylene (PE) as a standard material used in this technology and poly(lactic acid) biopolymer (PLA). Ground buckwheat husk (BH) was used as a natural filler. Due to the key aspect of the size and morphology of the processed materials, three different BH particle sizes were used during the study: <50 µm, 50–200 µm and 200–500 µm.

Click here to read more : www.sciencedirect.com

Sintering and Densification of Fibre Reinforcement in Polymers during Rotational Moulding



In the present work, sintering and densification of fibrous composite structures produced by rotational moulding were investigated. Lack of pressurisation during the process of rotational moulding implies an absence of driving forces to strongly bond two materials together as necessary in composite structures. This means that sintering and densification are the fundamental phases in which two or more materials can create an interface together by which stresses can be transmitted.

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Rotomolding Market News - North America

Chemical Plant Declared a Loss Following Fire

14/09/2020



Firefighters were called to the CPI Products chemical plant in Walburg, TX on Thursday afternoon after a fire ignited at the facility, local news reports said. A shelter in place order was issued for several hours during the incident as officials assessed the potential environmental impacts. Officials told the broadcaster that about 11 fire departments responded to the fire. Shortly after arriving at the incident, emergency response officials ordered residents near the plant to remain indoors with windows and doors shut and turn off their heating and air conditioning systems. Officials lifted the shelter in place order around 8:30 pm, but crews remained

on scene to douse hot spots, the Williamson County, TX Office of Emergency Management said in a tweet. CPI Products specializes in rotational molding, a process in which powder polymers are heated in a rotating hollow metal mold to form products, metal fabrication, and aerial lift products, according to the company's website. The Walburg plant produces aerial lift products like lift buckets, liners, and weather covers.

Click here to read more : www.powderbulksolids.com

Bobcat enters the turf market with zero-turn mower lineup

15/09/2020



Bobcat Company is bringing its compact equipment legacy to the turf market, with the introduction of its all-new zero-turn mower lineup. The new zero-turn mowers join compact track loaders, compact excavators, skid-steer loaders, compact tractors, utility products, small articulated loaders and mini track loaders in the bundle of Bobcat products focused on helping customers accomplish more in landscaping, grounds maintenance and turf applications. The residential zero-turn models – ZT2000 and ZT3000 – have a rugged, roto-molded and impact-resistant fuel tank which holds up to 14.4 litres. Customers will also appreciate rugged, roto-molded dual fuel tanks on the commercial models – ZT3500 through ZT7000 – which hold up to 56.8 litres.

Click here to read more : www.equipmentjournal.com

Non classé(s)

Venezuela : revolutionary youth recovers social property company Rotomoldeo Paraguaná

12/09/2020



The Rotomoldeo Paraguaná Social Property Company, located in the state of Falcón, was recovered thanks to the work of the revolutionary youth, as stated this Friday by the link of the United Socialist Party of Venezuela (PSUV) in the state of Falcón and candidate for the National Assembly , Genesis Garvett. On the other hand, Garvett highlighted that Rotomoldeo Paraguaná has received great support from Governor Víctor Clark for the reactivation of this company; which, through the state government, launched the first production of tanks for the most vulnerable families in the area.

Click here to read more : www.vtv.gob.ve
