



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 5 mai 2022

Research & Patents

Evaluation of mechanical, optical, and antibacterial properties of metal-oxide dispersed HDPE nanocomposites processed by rotational molding

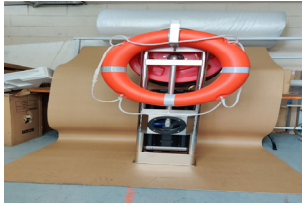


To investigate the impact of zinc oxide/titanium dioxide nanoparticles on the characteristics of high-density polyethylene, researchers used the rotational molding technique to produce polymeric nanocomposites. The nanocomposites' morphological, mechanical, optical, as well as biological characteristics, were studied using a range of characterizations. SEM analysis revealed a uniform morphology of ZnO and TiO₂ nanoparticles in the polymer matrix, with 80–120 nanometers middle particle dimensions.

Click here to read more : onlinelibrary.wiley.com

Rotomolding Market News - Australia

New emergency response station from Dixon Manufacturing



The latest marina product from NZMOA Gold Sponsor Dixon Manufacturing in Warkworth is a compact station that covers all equipment needed on site to deal with emergency situations. Comprising of a custom designed plinth fabricated from 316 stainless steel, the plinth holds a UV stabilised rotationally moulded fire hose reel and cover, a 9kg Fire Extinguisher in an enclosed cabinet, Life Ring & Throw Line holder.

Click here to read more : www.nzmoa.com

Roto-Recycling: How does the rotational moulding industry recycle /regrind their scrap material, rejects and post consumer products?



Check out the new ARMA video below that has been developed to highlight how this process happens and some of the products already made using recycled materials.

Click here to read more : www.linkedin.com

Rotomolding Market News - Europe

Thalassa Show : They are committed to the Ocean"



Last Sunday (1st of May), France Television broadcasted, a special program within the Thalassa series, called "They are committed to the Ocean". Emmanuel POIRMEUR vinifies his wine "differently": the vats are immersed 15 meters deep in SOCOA bay. These tanks are manufactured by rotomolder Rotomod, on its Bon Rencontre site. (Translated from French)

Click here to read more : www.linkedin.com

Rotomolding Market News - North America

PlastiCompétences received more than \$600k in fundings to create training programs for rotational molding and thermoforming



PlastiCompétences received more than \$600k in fundings to create training programs for rotational molding and thermoforming. In order for this training to be as complete as possible, we need experts in the field so that all the important elements are included. (Translated from french)

Click here to read more : www.linkedin.com