

## THE ESSENTIAL NEWS OF ROTOMOULDING WORLDWIDE

**Saniflo launches Sanicubic GR HP range.**

***Saniflo has added two models to the Sanicubic lifting station range. The Sanicubic 1 and 2GR HP are designed to be highly competitive solutions, with performance that positions them between the best-selling Sanicom grey water lifting stations and the classic Sanicubic models.***

The 1GR features a single pump, while the 2GR has twin pumps for situations where continuity of operation is essential. Both models are designed to lift grey and black waste water and feature Pro XK2 grinder technology, an aluminium motor frame, and a sturdy Rotomoulder tank in high-density polyethylene (HDPE). Easy access for maintenance, including to the pressure switch and motor, is a notable benefit, as is the adjustable motor power, enabling the units to be fine-tuned to the job at hand. The compact and powerful Sanicubic 1 GR HP is designed for pumping black waste water from individual houses, flats, pool houses, or small business premises and features automated pneumatic control via an internal immersion pipe. Whereas, the Sanicubic 2 GR HP is a larger unit with twin pumps for commercial premises, large individual buildings, or multiple small buildings.

<https://www.hvpmag.co.uk/Saniflo-launches-Sanicubic-GR-HP-range-/17012>

## Test of the Veer X13, a rotomolded boat for fishing or cruising.



**Marketed by the Brunswick Group, the Veer brand offers rotomolded polyethylene canoes for fishing or cruising. Designed for protected waters, the Veer X13 is a 4-meter boat that displaces 180 kg. Made from rotomolded polyethylene, it is approved for two passengers.**

Very low to the water, the boat is designed for fishing or water sports. The boat's solid construction makes it maintenance-free. Its shallow draft makes it ideal for navigation on lakes and shallow rivers. The deck is covered with an effective anti-skid coating. A large double-door locker is located at the bottom of the cockpit. Another storage space is provided under the foredeck. This will accommodate either the battery for the electric version, or the fuel tank for the internal combustion version. A version with the brand-new Mercury Avator 20e motor, a 2 kW electric outboard, has been tested in real-life conditions on the Riou de l'Argentière river in Mandelieu la Napoule, France.

<https://www.bateaux.com/article/44219/le-veer-x13-une-barque-americaine-en-rotomoule-concue-pour-la-peche-ou-la-balade>

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## PANAME kayak wins award at Paddle Sports Show.



**During the Paddle Sports Show in Strasbourg, France, at the end of September, the French company ROTOMOD presented the PANAME kayak, marketed under its RTM brand. The PANAME was designed by ZIG ZAG in collaboration with French Slalom and Kayak Cross team athletes.**

This new whitewater and kayak cross kayak is homologated by the ICF (International Canoe Federation) to take part in international races and the PARIS Olympics in 2024. The Paname has been on the podium at every international event this season, including two runner-up finishes at the World Championships held in London at the end of September. The Paddle Sports Show is also the occasion to announce winners of the Paddle Sports Product of the Year Awards 2024 in various categories: Paddles, Eco-designed products, Canoes, etc. Rotomod won the Kayak of the Year award in the 2024 WHITE WATER KAYAKS category. During the ceremony, Vincent MAS, President of SAS ROTOMOD, thanked all the company's employees for their commitment and involvement in the company's success. He also highlighted the collaboration between Rotomod, ZIG ZAG who designed the kayak, and the French Slalom and Kayak Cross Team athletes. It's a real source of pride for the company to win this award in this highly competitive and technical category.

<https://www.rotomod.com/blog/2023/10/02/paname-product-of-the-year-2024/>

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## Rotovia's commitment to sustainability



At the ARMO 2023 conference, Rotovia CEO Dadi Valdimarsson gave a speech describing Rotovia's sustainability efforts to reduce its carbon footprint, energy consumption and waste. These challenges motivate the company's teams, and the results of this work are applied on a daily basis within its factories, and even more so in the production of its VARIBOXes at its sites in Montoir de Bretagne, France, and Deventer, the Netherlands.

[https://www.linkedin.com/posts/rotovia-france\\_armo2023-sustainability-rotomoulding-activity-7107372156170162176-OVUf](https://www.linkedin.com/posts/rotovia-france_armo2023-sustainability-rotomoulding-activity-7107372156170162176-OVUf)

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## PERSICO GROUP celebrates 10 years in the USA and wins an award in Kansas City



President Pierino Persico flew to the US with Alessandra Persico (VP & Interiors Director - Global Purchasing Director) and Marcello Persico (VP & Marine Director) to celebrate the anniversary of Persico USA Inc. Meanwhile, the Association of Rotational Molders awarded Persico with the Supplier of the Year award at the 2023 ARM Annual meeting (Kansas City, 26-28 September)

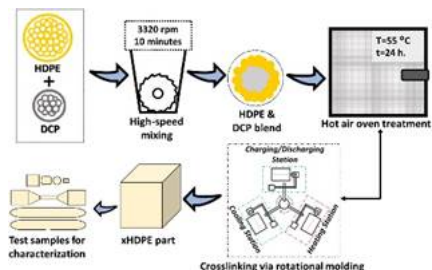
[7114957883640836097-49WF](https://www.linkedin.com/posts/persico-spa_anniversary-10years-awards-activity-7114957883640836097-49WF)

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[https://www.linkedin.com/posts/persico-spa\\_anniversary-10years-awards-activity-](https://www.linkedin.com/posts/persico-spa_anniversary-10years-awards-activity-7114957883640836097-49WF)

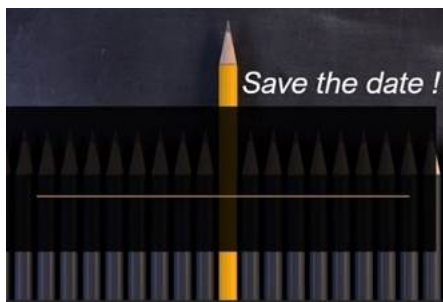
## Research & Patents

### The effect of chemical crosslinking on the properties of Rotomolded high density polyethylene.



*In this study, high density polyethylene (HDPE) was combined with dicumyl peroxide (DCP) to produce crosslinked parts via rotational molding. The effect of DCP content (0.1–2.5 phr) on the crosslinking degree was investigated to determine its effect on the chemical, mechanical, physical, and thermal properties of HDPE.*

The gel content and crosslink density was found to increase with DCP content. These trends led to a reduction in the degree of crystallinity, melting, and crystallization temperature. Thermogravimetric analysis (TGA) showed that crosslinked HDPE (xHDPE) has higher thermal stability than the neat matrix in both air and nitrogen atmosphere. In addition, a direct relationship was observed between improved thermal resistance and higher impact strength. Finally, relationships between the tensile properties of xHDPE and the degree of crystallinity were observed, which were all controlled by the level of crosslinking. These results have the potential to advance the manufacturing of high performance materials suitable for a wide range of applications such as automotive parts, agricultural products, chemical storage tanks, large waste containers, and fuel tanks in general.



28/29 November 2023

[Master Class AFR](#)

28/30 January 2024.

[StaR 2024 Annual Conference & Trade Show](#)

