

Press Release

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Royal DSM
media.contacts@dsm.com
www.dsm.com

DSM to showcase high-performing, lightweight ballistic armor solutions made with Dyneema® at Milipol Paris 2021

Royal DSM, a global science-based company in Nutrition, Health and Sustainable Living, today announced participation at the leading event for homeland security and safety.

DSM, the inventor and manufacturer of Dyneema®, will be exhibiting at booth 5 P 098 from October 19-22 during Milipol Paris 2021 at the Paris-Nord Villepinte Exhibition Centre in Paris, France.

The performance characteristics of Dyneema®, the world's strongest fiber™, make it ideal for a variety of applications, including soft and hard armor ballistics to protect against today's advanced and emerging threats. In addition, Dyneema® combines next-generation fiber technology and unidirectional engineering to deliver armor solutions with unmatched ballistic stopping power in a lightweight and flexible composite.

By implementing Dyneema®, body armor manufacturers are able to use less material in the development of their ballistic vests, plates and helmets. This leads to weight savings upwards of 30 percent when compared to competitive materials, without impacting ballistic performance. The lightweight construction of armor made with Dyneema® also mitigates injuries associated with the cumulative effects of daily armor use – while improving situational awareness, as well as cognitive and tactical performance.

While decreasing the load on the wearer, Dyneema® is simultaneously able to reduce the impact of material manufacturing on our planet. In line with DSM's commitment to protect people and the environment they live in, we have developed the first-ever bio-based ultra-high molecular weight polyethylene fiber and unidirectional (UD) material. Bio-based Dyneema® boasts the same exact performance as conventional Dyneema® with a carbon footprint that is 90 percent lower than generic HMPE.

“As the trend towards lightweight ballistic armor drives changes in the personal protection market, DSM continues to innovate Dyneema® to help protect the men and women responsible for keeping communities around the world safe,” states Marcelo van de Kamp, Global Business Director, Personal Protection of DSM. *“We're proud that our broad product portfolio of unidirectional material provides solutions that sustain both people and planet.”*

Law enforcement, first responders and military service personnel risk their lives every day to keep communities around the world safe. Dyneema® is made to protect them while they protect us. Stop by booth 5 P 098 during Milipol Paris 2021 to learn more about the latest advancements in high-performing, lightweight ballistic armor solutions made with Dyneema®.

DSM – Bright Science. Brighter Living.™

Royal DSM is a global, purpose-led, science-based company active in Nutrition, Health and Sustainable Living. DSM's purpose is to create brighter lives for all. DSM addresses with its products and solutions some of the world's biggest challenges while simultaneously creating economic, environmental and societal value for all its stakeholders – customers, employees, shareholders, and society at large. DSM delivers innovative solutions for human nutrition, animal nutrition, personal care and aroma, medical devices, green products and applications, and new mobility and connectivity. DSM and its associated companies deliver annual net sales of about €10 billion with approximately 23,000 employees. The company was founded in 1902 and is listed on Euronext Amsterdam. More information can be found at www.dsm.com.

Or find us on:    

For more information:

DSM

Crandall Turner

email Crandall.Turner@dsm.com

EMG

Saskia Krombeen

tel.: +31 (0) 164 317 006

email: skrombeen@emg-marcom.com





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This press release and relevant photography can be downloaded from www.PressReleaseFinder.com. Alternatively for very high resolution pictures please contact Saskia Krombeen (skrombeen@emg-marcom.com, +31 164 317 006).

Forward-looking statements

This press release may contain forward-looking statements with respect to DSM's future (financial) performance and position. Such statements are based on current expectations, estimates and projections of DSM and information currently available to the company. DSM cautions readers that such statements involve certain risks and uncertainties that are difficult to predict and therefore it should be understood that many factors can cause actual performance and position to differ materially from these statements. DSM has no obligation to update the statements contained in this press release, unless required by law. The English language version of the press release is leading.