

PRESS RELEASE

October 9, 2023

MARTOR opts for DOMO's TECHNYL® 4EARTH® sustainable polyamide for ECO line of knives

- DOMO and MARTOR partner for more sustainable safety knives
- TECHNYL® helps MARTOR in designing fully recyclable knives with a low CO₂ footprint

Ghent, October 9, 2023 - DOMO Chemicals, the leading European producer of sustainable polyamide-based engineered materials, is pleased to announce a successful joint project with MARTOR for the development of a new family of sustainable safety knives.

DOMO's PA6-based TECHNYL® 4EARTH® materials will be used to mold MARTOR's new ECO line of safety knives, SECUMAX 148, and SECUMAX 350 SE. Already existing models previously developed with virgin-based alternatives from fossil oil will further expand the ECO by MARTOR approach.

These new TECHNYL® 4EARTH® solutions with different glass fiber percentages made of 100% recycled polyamide perfectly match the application's mechanical requirements and offer excellent aesthetics, while also providing significant sustainability credentials compared to virgin polymer-based solutions.

"At MARTOR we have been combining quality with innovation to manufacture premium cutting tools for industrial and professional purposes for more than 80 years," said Sylke Wendt, Head of Product Management at MARTOR. "Today, we have achieved a significant milestone with the launch of these new products, delivering not only safety and performance but also enhanced sustainability. Making use of recycled raw materials with certified environmental benefits is a first achievement. The next phase will be the reuse of end-of-life knives to become truly circular."

The TECHNYL® 4EARTH® materials used for MARTOR's knives provide a significantly reduced CO₂ footprint compared to virgin-based alternatives. As confirmed by the EPD certified data, the level of CO₂ emitted in the production of an unfilled solutions is 0.3 kg CO₂ equivalent and 1.3 kg CO₂ eq. for 35% glass fiber reinforced grades.* If compared with the global warming potential (GWP) of virgin equivalent alternatives, using the same dataset, this results in a CO₂ reduction of between 60 and 90%.*

"DOMO's family of TECHNYL® 4EARTH® solutions is continuously expanding. We are investing in new feedstocks as well as new recycling technology to meet the growing demand for sustainable alternatives, especially in the consumer goods market," said Arndt Lechner, Global Key Account Manager C&E Market at DOMO Engineered Materials. "Today, we are supplying MARTOR with post-industrial black materials, but as a next step we are developing sustainable alternatives in natural shades, allowing them to match their corporate blue," he added.

"In DOMO we have found a new and trusted partner for sustainable development, and we will continue to collaborate with them to explore further opportunities to foster circularity," concluded Dr. Daniel Zuber, Head of Development and Technical Design at MARTOR.

** TECHNYL® 4EARTH® data based on EPD certification S-P-01079. Comparisons are made with equivalent virgin-based materials produced in the same plant with total GWP value of 4.6 kg CO₂ eq. including PA6 virgin polymer data from Plastics Europe.*

About DOMO Chemicals

DOMO Chemicals offers polyamide-based engineered materials solutions and services for the automotive, consumer goods, industrial goods, electricals and electronics industries. Based on the company's upstream and downstream integration, DOMO also serves the agricultural, chemical, pharmaceutical, fiber and textile sectors. Its complete portfolio of polymer-based products and services includes chemical intermediates, resins, engineering plastics and performance fibers. Some of its best-known brands include TECHNYL® engineered materials, STABAMID® PA66 virgin grades, DOMAMID® PA6 virgin resins, NYLEO® Polyamide 66 fibers and TECHNYL® 4EARTH® sustainable polyamides.

www.domochemicals.com

About MARTOR KG

MARTOR is the international leading partner for safer cutting solutions, focusing on the product segment of safety knives. The family owned company based in Solingen is today represented by partners and dealers in more than 80 countries all over the world.

www.martor.com

Contact at DOMO Chemicals GmbH:

Marc Chalupsky

Manager of External and Online Communications, DOMO Chemicals

marc.chalupsky@domo.org

Tel.: +49 3461 43 2146

Elisabetta Testa

Communications, DOMO Engineering Plastics

elisabetta.testa@domo.org

Tel.: +39 0464 587 650

Kim Lommaert

Marketing Solutions NV

klommaert@marketing-solutions.com

Tel.: +32 33 13 03 11

Contact at MARTOR KG:

Jens Augustin

Head of Marketing



MARTOR has chosen DOMO's TECHNYL® 4EARTH® sustainable polyamide for new ECO line of safety knives.

This press release and relevant photography can be downloaded from www.PressReleaseFinder.com.

Alternatively for very high resolution pictures please contact:
Kim Lommaert (klommaert@marketing-solutions.com,
+32 33 13 03 11).