

A young child with brown hair in a ponytail, wearing a bright yellow raincoat and yellow rubber boots, is crouching on a dark, wet surface. The child is holding a small, light-colored paper boat that is floating in a puddle. The background is dark and out of focus, suggesting an outdoor setting during or after rain. The overall mood is playful and nostalgic.

PevalenTM

The high performance,
non-phthalate plasticizer

Pevalen™

The innovative non-phthalate plasticizer

Perstorp Pevalen™ represents the next generation of non-phthalate plasticizers for use in soft PVC. It is revolutionary not only because it's a true non-phthalate with superior plasticizing efficiency, but also because we have put in a lot of effort to make the manufacturing process as sustainable as possible.

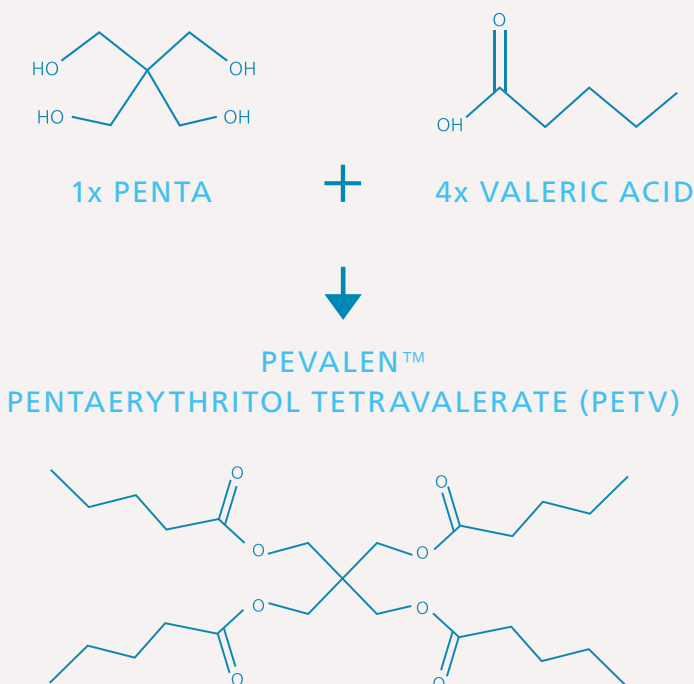
In terms of performance, Pevalen™ shines against phthalates and non-phthalates alike. When looking at the hardness of various plasticizers, Perstorp's innovative solution was the softest. This is significant because the goal of the plasticizer is to add softness to PVC, and the softer the plasticizer is, the less you need to use to achieve required softness or flexibility. Not only does this reduce the amount of raw materials required, but it also reduces costs for the user.



Pevalen™ also has excellent UV stability, low volatility, and excellent cost performance, while meeting regulatory and customer demands.

If you want a high performing, proven, non-phthalate plasticizer, look no further than Perstorp Pevalen™.

THE PEVALEN™ MOLECULE



PETV – UNDER THE MICROSCOPE

The unique chemical structure of PETV gives Pevalen™ its unique properties and performance



Developed
with the
future in mind

Pevalen™ Pro

Pevalen™ Pro offers the same qualities, the same reliability, and the same excellent performance as Pevalen™, but the way we source the raw materials for it is very different. It's designed to reduce carbon footprint from cradle to gate thanks to utilizing more renewable carbons, and allows our customers to gradually switch from fossil based to renewable raw materials.

Mass balance

The concept behind Pevalen™ Pro is based on the mass balance concept, which represents a shift from fossil to renewable without any sudden changes, so sustainability improves steadily without affecting the economy. The raw materials are sourced according to the International Sustainability & Carbon Certification (ISCC).

By choosing Pevalen™ and Pevalen™ Pro, you're showing customers that you take your responsibilities seriously and are committed to making PVC products in the best possible way.

In short, Pevalen™ Pro offers high performance without costing the earth.

A RANGE OF OPTIONS

Pevalen™ Pro comes in different grades depending on the amount of renewable raw materials that have been attributed to the production process, and the product comes with a Proof of Sustainability.

Silver Winner

Sustainability
Innovation

Applications

Pevalen™ is perfect for a wide range of close to consumer applications



Selection of applications



COATED FABRICS & ARTIFICIAL LEATHER*

Applications include shoes, raincoats, textile prints, fashion accessories, furniture and home decor.



FLOORING & WALL COVERING

For hard wearing surfaces such as vinyl flooring, tiles and structured (3D) wall paper.



FOOD CONTACT**

Pevalen™ is approved for use in various food contact applications.



SPORTS & LEISURE PRODUCTS

Pevalen™ is safe to use with gym and other PVC sports equipment.



AUTOMOTIVE INTERIORS

Pevalen™ contributes to a longer product life, low fogging and migration.



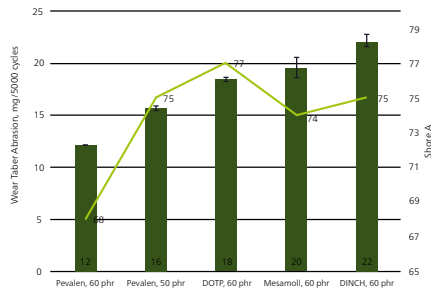
POOL LINERS

UV stability and weatherability performance.

*Pevalen™ is compatible for use with OEKO-TEX® certified textiles

**FDA approval FCN001967

ABRASION



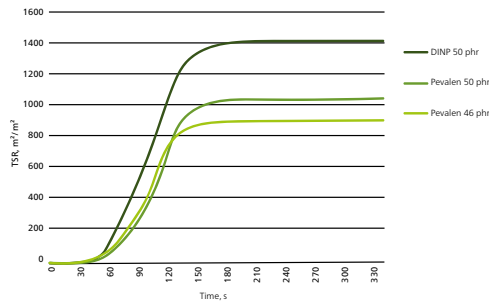
Frequently used products benefit from using Pevalen™ due to the improved abrasion, leading to more durable goods.

HARDNESS



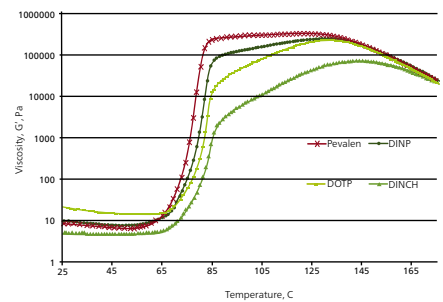
Pevalen™ yields the softest material, which offers the opportunity to increase the use of carbon neutral fillers.

SMOKE DENSITY



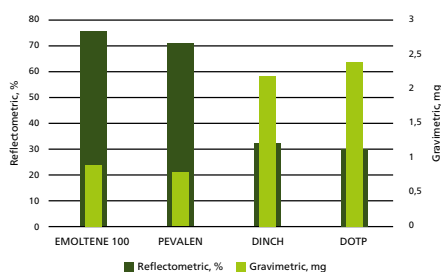
Pevalen™ yields less smoke, leading to the potential for improved material classification or reduced use of fire retardant additives.

RHEOLOGY



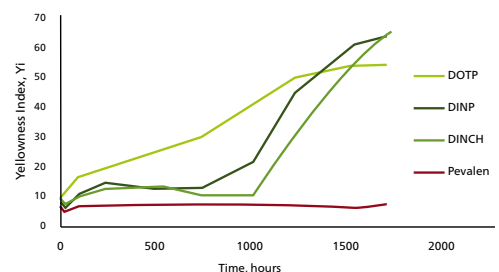
Pevalen™ has the shortest fusion time, which leads to faster processing or lower process temperature. This means a lower energy requirement overall.

FOGGING



Pevalen™ shows lower weight loss which means lower outgases of volatility, lessening the risk of poor visibility.

UV EXPOSURE



Pevalen™ is unaffected by the QUV environment. This means the material will retain its properties over time.

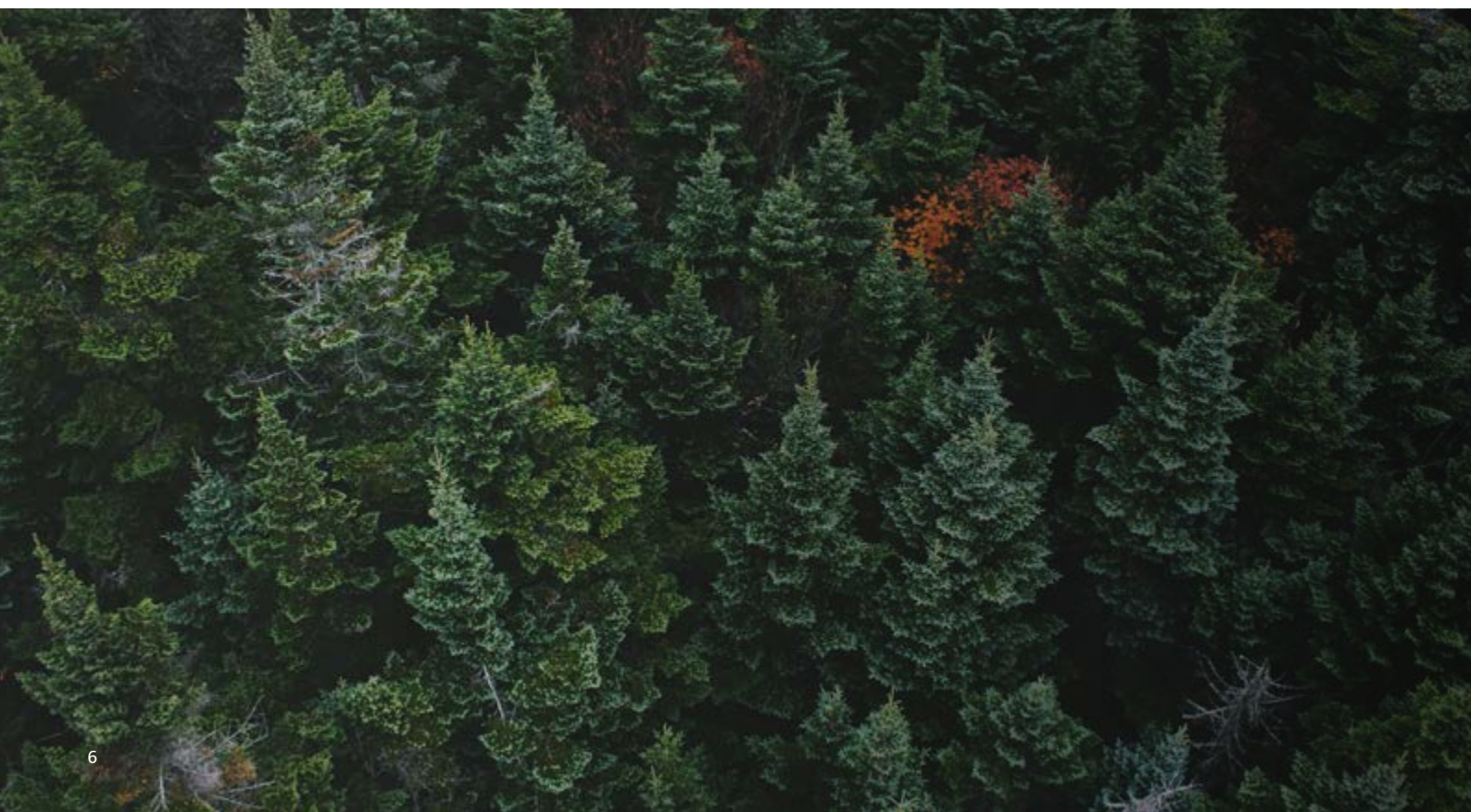
Our environmental commitment



Sustainability is at the heart of everything we do at Perstorp. It helps to drive every innovation, and we're proud of our Pro-Environment portfolio, where every product is designed to reduce impact on the world around us, and increase the use of renewable materials.

Pevalen™ Pro is another example of our commitment to sustainability, and by helping to reduce the environmental impact of flexible PVC, together we can make a big difference.

We work alongside the global sustainability certification system, ISCC, to ensure that we're sourcing our raw materials in the best possible way, while our commitment to high quality standards mean that performance is never sacrificed. Pevalen™ Pro, as well as the rest of our Pro-Environment portfolio, improve your bottom line while contributing to our collective sustainability goals.



Several steps ahead

We develop all of our products with the future in mind, and Pevalen™ is no different. It is engineered to meet all current requirements, as well as the potential regulations of the future. Making changes in your business is a major effort, so we want to ensure that this effort is well rewarded through performance that exceeds expectations, and products that ensure you are ready for any future.

ORDER A SAMPLE TODAY

You can find all contact info on our web:
perstorp.com/en/products/pevalen



One molecule can change everything

Perstorp believes in improving everyday life – making it safer, more convenient and more environmentally sound for billions of people all over the world. As a world leading specialty chemicals company, our innovations provide essential properties for products used every day and everywhere. You'll find us all the way from your car and mobile phone to towering wind turbines and the local dairy farm. Simply put, we work to make good products even better, with a clear sustainability agenda.

Perstorp's focused innovation builds on more than 135 years of experience, representing a complete chain of solutions in organic chemistry, process technology and application development. Manufacturing is based in Asia, Europe and North America, with sales and support in all major markets. The Perstorp Group is controlled by funds managed and advised by the European private equity company PAI partners.

Learn more at www.perstorp.com