

Pevalen™ Pro 36

A bio-attributed phthalate free plasticizer

Product Description

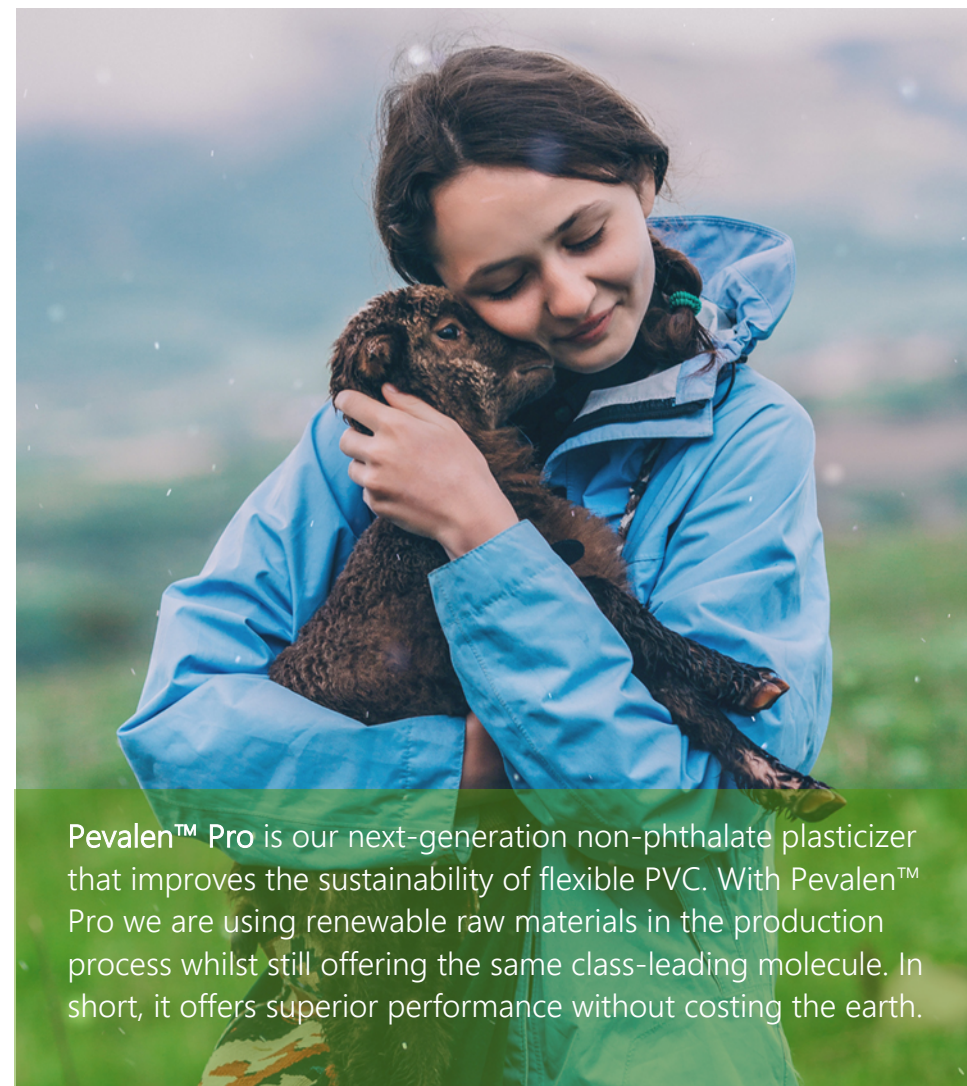
Pevalen™ Pro is a bio-attributed plasticizer ready to be dropped into existing formulations with Pevalen™. Based on the mass balance concept, it is a partly renewable pentaerythritol tetra valerate (PETV) designed to reduce the carbon footprint and supports sustainable sourcing of renewable raw material. Pevalen™ Pro is third party certified according to the ISCC system which means we have both traceability back to the country of origin ensuring the biomass was sourced in a sustainable way as well as a certified mass balance and greenhouse gas (GHG) calculation. Perstorp offers three grades of Pevalen™ Pro; Pro 8, Pro 24 and Pro 36, based on 8%, 24% and 36% renewable resources.

Segment Applications

Flexible PVC such as; Coated fabrics, Artificial leather, Flooring, Wall covering, Automotive interiors, PVC plastisols, Wires & Cables etc.

Delivery Forms

Bulk (Iso-tanks), Drums (200kg) and IBC.



Pevalen™ Pro is our next-generation non-phthalate plasticizer that improves the sustainability of flexible PVC. With Pevalen™ Pro we are using renewable raw materials in the production process whilst still offering the same class-leading molecule. In short, it offers superior performance without costing the earth.

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Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹
Acid value	mg KOH/g	Max. 0.05	PO 110-9
Water content	%	Max. 0.10	PO 109-2
Color	APHA	Max. 50	PO 105-4
Ester content ²	%	Min. 99.0	PO 130-7

1. Analytical methods are available on request

2. Valid and reported for product produced after April 1st 2021.

General Characteristics

Characteristics	Unit	Typical Value ¹	Comment
Clear colorless liquid			
Density at 20°C	kg/m ³	1020	
Viscosity at 20°C	mPas	35	
Boiling point	°C	408	
Pour point	°C	-69	
Refractive index (nD20)		1.449	Method: ASTM D1218-02

1. Typical values are for information only and not part of sales specification

Pro-Environment Information

Renewable content is 36% based on a mass balance concept.

Calculated GHG values:

Cradle to Gate: 3.948 kg CO₂ eq/kg Pevalen™ Pro 36

Cradle to Grave: 5.438 kg CO₂ eq/kg Pevalen™ Pro 36

Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO₂.

ISCC PLUS certified product.

Handling and Storage

Pevalen™ is hygroscopic and should be handled to prevent moisture absorption. Store in a dry and cool location, protected from direct sunlight, preferably below 30°C.

CAS No.: 15834-04-5

EC (EINECS) no.: 239-937-7

REACH registration No.: 01-2119493810-35-XXXX

HS no: 2915 60



Effective date: April 21, 2021

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.