

Pevalen™ Pro 100

A renewable-based phthalate free plasticizer

Product Description

Pevalen™ Pro 100 is a renewable-based plasticizer ready to be dropped into existing formulations. Based on a traceable mass balance concept applying chemical and physical traceability, this Pro-Environment product is designed to reduce the carbon footprint throughout the value chain and to support sustainable sourcing of renewable and recycled raw materials.

Pevalen™ Pro 100 is based on 100% renewable carbon content and carries the ISCC PLUS certification for the mass balance and the calculation of the product's greenhouse gas value. This third party certification ensures that the sustainable raw materials used are sourced responsibly and sustainably from cradle to gate.

Segment Applications

Coated fabrics, Artificial leather, Flooring, Wall covering, Automotive interiors, PVC plastisols, Wires & Cables.

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 use 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	%	Min. 99.0	PO 130-7

1. Analytical methods are available on request

General Characteristics

Characteristics	Unit	Typical Value ¹	Comment
Clear colorless liquid			
Density at 20°C	kg/m³	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 carbon content is 100% based on a traceable mass balance concept.

PCF* Including Biogenic CO₂ Uptake: 0.7 kg CO₂eq/kg product
Biogenic CO₂ Uptake: 2.3 kg CO₂/kg product

*Cradle-to-Gate value
All PCF values are calculated based on ISCC, Together for Sustainability, and GHG protocol methodology. The PCF value stated above is updated on a yearly basis, actual values may differ over the year and are stated in the sustainability declaration document. This product is ISCC PLUS certified.

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
EU REACH registration No.: 01-2119493810-35-XXXX
HS no: 2915 60



Effective date: January 24, 2024

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