

Evyron™ T50 molten

Pure performance for your polyester resins

Product Description

Evyron™ T50 molten is a renewable-based Trimethylolpropane 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.

Evyron™ T50 molten is based on 50% 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 also ensures that the sustainable raw materials used are sourced responsibly and sustainably from cradle to gate.

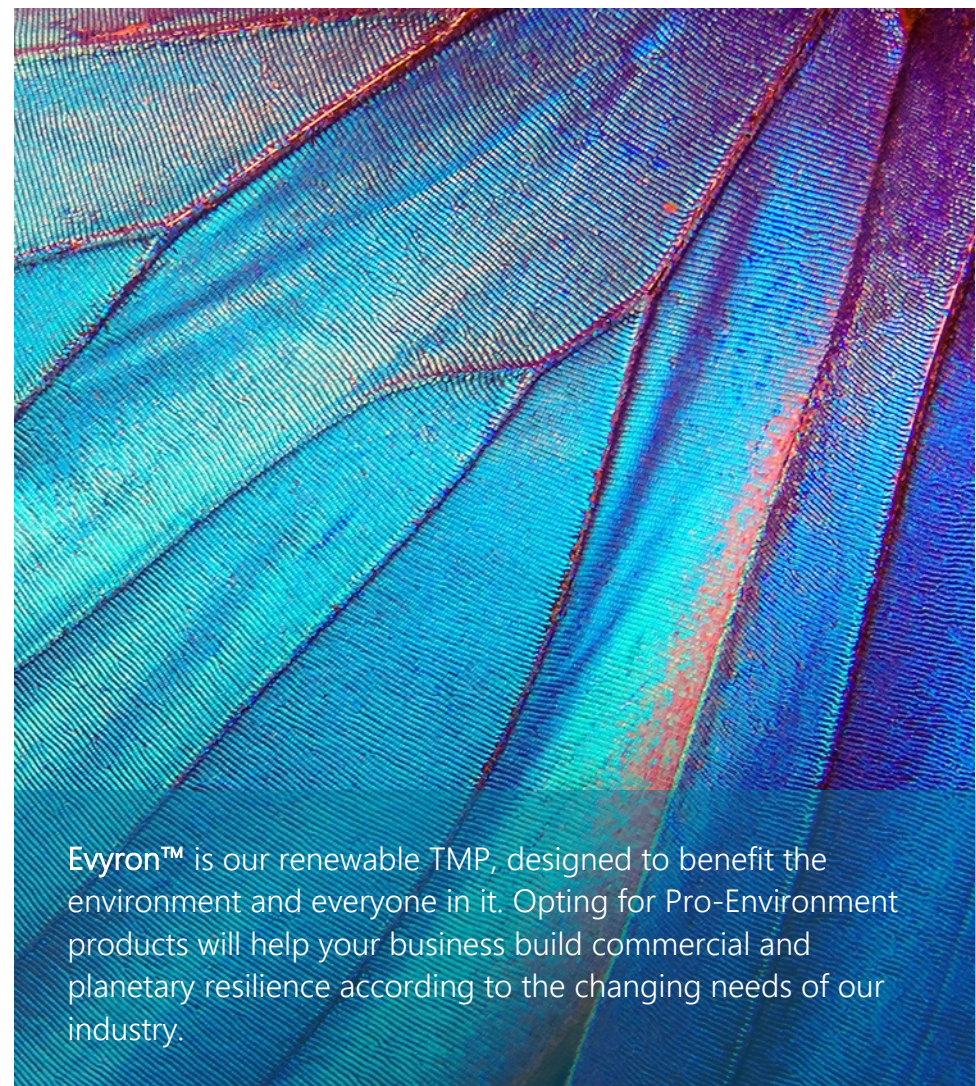
To see our full range of Pro-Environment products, visit our website.

Segment Applications

Alkyd resins, Aviation turbine oils, Liquid polyesters, Polyurethane resins, Powder polyesters, Radiation curing and Synthetic lubricants esters

Delivery Forms

Bulk at approx. 100 °C



Evyron™ is our renewable TMP, designed to benefit the environment and everyone in it. Opting for Pro-Environment products will help your business build commercial and planetary resilience according to the changing needs of our industry.

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Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹	Comment
Hydroxyl number	mg KOH/g	1238-1260	PO 100-4	2
Melting point (final)	°C	Min. 57	PO 102-2	
Ash content (as sodium)	ppm	Max. 10	PO 103-10	
Water content	%	Max. 0.10	PO 109-2	

1. Analytical methods are available on request

2. As OH-percentage, 37.5-38.2 %

General Characteristics

Characteristics	Unit	Typical Value ¹
Acidity (as formic acid)	ppm	5
Color as fuse	APHA	15

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

Pro-Environment Information

Renewable carbon content is 50% based on mass balance concept.

Calculated GHG values:

Cradle to Gate: 1,2 kg CO₂ eq/kg Evyron™

Cradle to Grave: 2,2 kg CO₂ eq/kg Evyron™

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

ISCC PLUS certified product.

**Above stated GHG values are updated on a yearly basis and should be seen as guiding values. Actual values may differ over the year and are stated in the Sustainability declaration document*

Handling and Storage

Evyron™ T50 molten is a liquid melt.

Evyron™ is hygroscopic and should be handled to prevent moisture absorption.

Store Evyron™ molten at 90-110 °C, under inert gas



CAS No.: 77-99-6

HS No.: 2905 41

REACH registration No.: 01-2119486799-10-0005

Effective date: December 1, 2022

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.