

Evyron™ T50 molten

Product Description

Evyron™ is a Pro-Environment Polyol ready to be dropped into existing formulations. Based on mass balance concept, Evyron™ is a partly renewable Trimethylolpropane (TMP) product designed to reduce the carbon footprint and supports sustainable sourcing of renewable raw material. Evyron™ 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 two grades of Evyron™, T20 and T50, based on 20% and 50% renewable resources. Both grades are supplied as flakes and molten.

Evyron™ T50 molten has three hydroxyl groups. It is supplied in liquid form at high temperature.

Segment Applications

Alkyd resins, Liquid polyesters, Powder polyesters, Radiation curing, Aviation turbine oils, Transformer oils and Refrigeration lubricants.

Delivery Forms

Bulk at approx. 100 °C.



Leading the world in
Pro-Environment Polyols

Evyron™ evokes both *environment* and *everyone*. The name is a fusion of what matters most to our survival; it is about how people (everyone) and the environment will interact in the future. We want Evyron™ (part-renewable TMP) to be a Pro-Environment Polyol that benefits us all.

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Sales Specification

Characteristics	Unit	Specification	Analytical Method	Comment
Hydroxyl number	mg KOH/g	1238-1260	PO 100-4	1
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. As OH-percentage, 37.5-38.2%.

Analytical methods are available on request.

General Characteristics

Characteristics	Unit	Typical value	Comment
Acidity (as formic acid)	ppm	5	
Color as fuse	APHA	15	

Pro-Environment Information

Renewable content is 50% based on mass balance concept.

Calculated GHG values:

Cradle to Gate: 1.1 kg CO₂ eq/kg Evyron™

Cradle to Grave: 2.1 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.

Handling and Storage

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

Valid from January 1, 2018.