

# 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.

# Evyron™ T50 molten

## 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: 0.8 kg CO<sub>2</sub> eq/kg Evyron™

Cradle to Grave: 1.8 kg CO<sub>2</sub> eq/kg Evyron™

Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO<sub>2</sub>.

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.