

# Sovermol® 1055

## General

Sovermol® 1055 is a polyol used in the manufacturing of polyurethane systems

## Key features & benefits

High renewable raw material content  
UV-stable performance  
VOC free acc. to 2004/42/EU  
Plasticizer for PUR and Epoxy systems

## Chemical nature

Epoxy group containing ester

## Properties

### Appearance

Light yellow, low viscous fluid

### Typical characteristics

(no supply specifications)

Water content	ISO 4317	< 0.2 %
Acid number	ISO 660	< 1mg KOH/g
Iodine number	ISO 3961	< 10 g I/100 g
Viscosity, dynamic, 20 °C	DIN 53015	0 – 20 mPa.s
Density, 20 °C	DIN 16945-89	0.91 – 0.935 g/cm <sup>3</sup>
Saponification value	ISO 3657	180-190 mg KOH/g
Epoxide oxygen	QC 1038.0	4.5- 5%

## Application

In combination with base polyols (e.g. Sovermol® 750 ), the UV stable Sovermol® 1055 can be used as non- reactive diluent, plasticizer and hydrophobing agent in PU systems. It is compatible with liquid epoxy resins and therefore can be used as reactive diluent.

## Storage

Sovermol® 1055 shouldn't be stored at temperatures below 15 °C because it may crystallize partially. This effect is reversible by warming up to approx. 50 °C.

For further detailed application information please contact our Technical Support Department.

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**Safety**

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

**Note**

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