

Sovermol[®] 1055

Product description

Key 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

Physical form

Light yellow, low viscous fluid

Technical data

(not supply specification)

Water content	ISO 4317	< 0.2 %
Acid number	ISO 660	< 1 mg 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 ³
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.

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

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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