

Sovermol® 1140

General

Sovermol® 1140 is a polyol used in the manufacturing of polyurethanes.

Key features & benefits

- Universal polyol for adhesives
- Hydrophobic
- Gel time prolonger
- Hard flexible performance
- High renewable raw material content

Chemical nature

Fatty chemistry polyester

Properties

Appearance

Low viscous, yellow, clear liquid

Typical characteristics

(should not be interpreted as specifications)

Water content	DGF C-III 13A	< 0.2 %
Acid number	DGF C-V 2	< 3.0
Hydroxyl number	DGF CV 17A, B	190 – 230 mg KOH/g
Viscosity, dynamic, 20 °C	DIN 53015	600 – 1400 mPa.s

Application

In combination with Polymer MDI Sovermol® 1140 can be used especially for semi-rigid PU-foams and castings for electronic applications.

Mixing formulation (without filler)

100 g Sovermol® 1140
5 g Zeolith Paste
51 g Polymer MDI*

*e.g. Lupranate M 20 S – BASF Polyurethanes

Storage

Sovermol® 1140 shouldn't be stored at temperatures below 15 °C because it may crystallize partially. This effect is reversible by warming up to 50 °C.

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

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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