

Sovermol[®] 1068



general

Sovermol[®] 1068 is a polyol used in the manufacturing of polyurethanes

- Hydrophobic performance
- High renewable raw material content
- 1K and 2K PU foam – heavy flammable

chemical nature

Aliphatic triglyceride

Properties

physical form

Yellow, medium viscous liquid

shelf life

When stored under the usual appropriate storage conditions, the product can be stored for at least 1 year.

typical properties (no supply specification)

Water content (DGF C-III 13A)	< 0.1%
Acid number (DGF C-V 2)	< 3.9
Hydroxyl number (DGF C-V 17A,B)	175 – 205 mg KOH/g
Viscosity (dynamic) (20 °C) (DIN 53015)	3000 – 7000 mPa·s

Application

In combination with Polymer MDI Sovermol® 1068 can be used as reactive component for the production of flexible 2K coatings, casting, adhesive and PU foam materials.

In addition, Sovermol® 1068 is strongly water repellent, which results in less sensitivity to moisture while curing.

Mixing Formulation (without filler)

100 g Sovermol® 1068

5 g Zeolith paste

46 g Polymer MDI*

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

Technical Data**Sovermol® 1068 in combination with****Polymer MDI*****Shore A/D hardness RT (ISO 868)**

after 1 day

-

after 2 days

-

after 3 days

-

after 7 days

-

after 14 days

-

after 28 days

-

Mixing ratio

100:24

Geltime in hours Coesfield

00:68

Tensile strength in MPa

-

(ISO 527-3 Typ5)**Elongation in % (ISO 527-3 Typ5)**

-

Tear resistance in N/mm

-

(ISO 34-1)

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

Registration / Regulatory Information

Approvals

Regulatory Status

AICS (Australia)
 ENCS (JP)
 EINECS (EU)
 TSCA (USA)
 DSL (Canada)
 PICCS (Philippines)
 IECSC (China)
 KECL/ECL (Korea)
 NZIoC (New Zealand)

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Safety

When handling these products, 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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