

Sovermol® 1092

General

Sovermol® 1092 is a polyol used in the manufacturing of polyurethanes.

Key features & benefits

Low viscosity high performance polyol
Excellent pigment wetting at TiO₂
Extremely hydrophobic
Good bonding properties
Hardness similar to epoxy systems
High renewable raw material content

The product might be slightly cloudy - this does not affect the product properties in a negative way

Chemical nature

Branched polyether/polyester

Properties

Appearance

Yellow, low viscous liquid

Typical characteristics

(should not be interpreted as specifications)

Water content	ISO 4317	< 0.2 %
Acid number	ISO 660	< 3.0
Hydroxyl number	ISO 4326	268 – 298 mgKOH/g
Viscosity, dynamic, 25 °C	ISO 2555	650 – 950 mPa.s
Density, 20 °C	ISO 2811-3	0.97 – 1.02 g/cm ³

Application

In combination with Polymer MDI Sovermol® 1092 can be used for the production of 2-pack PU coating and adhesives. Due to the hydrophobic properties and its low viscosity, this material is therefore eminently suitable for electro potting compounds.

In addition, Sovermol® 1092 shows particular water repellency, which results in less sensitivity to moisture while curing.

Mixing formulation (without filler)

100 g Sovermol® 1092
5 g Zeolith Paste
69 g Polymer MDI*

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

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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