

Sovermol® 750

General

Sovermol® 750 is a polyol used in the manufacturing of UV-stable polyurethanes.

Key features & benefits

Hydrolysis stable
Hydrophobic
Low viscosity
High Shore D hardness (D ~ 80)
High renewable raw material content
High saponification stable
Excellent chemical resistance
High Tg- Polyol

Chemical nature

Branched polyether/polyester

Properties

Appearance

Low viscous, yellow, clear liquid

Typical characteristics

(should not be interpreted as specifications)

Water content	ISO 4317	< 0.1%
Acid number	ISO 660	< 2.0
Hydroxyl number	DIN 53240-98	300 – 330 mgKOH/g
Viscosity, dynamic, 20 °C	DIN 53015	700 – 1.400 mPa.s
Density, 20 °C	DGF C-IV 2B (52)	0.97 – 1.02 g/cm³
Color number	DIN ISO 4630	0 – 3

Application

In combination with Polymer MDI Sovermol® 750 can be used for the production of 2 pack coating and casting materials. In combination with an aliphatic, HDI-based polyisocyanate, Sovermol® 750 is suitable for the production of UV-stable and weathering resistant coatings.

In addition, Sovermol® 750 is strongly water repellent, which results in less sensitivity to moisture while curing.

Mixing formulation (without filler)

100 g Sovermol® 750
5 g Zeolith Paste
76 g Polymer MDI*

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

Storage

Sovermol® 750 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. When stored under the usual appropriate storage conditions, the product can be stored for at least 2 years.

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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BASF Advanced Chemical Co., Ltd.
No. 300 Jiang Xin Sha Rd, Pudong, Shanghai, China