

# Sovermol<sup>®</sup> 780

## general

Sovermol<sup>®</sup> 780 is a co-polyol used in the manufacturing of polyurethanes

- Hydrolysis stable
- Shore D Hardness ~ 90
- Excellent chemical resistance
- High T<sub>g</sub>-polyol
- Functionality ~ 3.0

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

## chemical nature

Branched polyether/polyester

## Properties

### physical form

Yellow, medium viscous polyol

### 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)	< 0.2%
Acid number (DGF C-V 2)	< 2.0
Hydroxyl number (ISO 4326)	485 - 535
Viscosity (dynamic) (20 °C) (ISO 2555 (MOD.))	2000 – 2600 mPa·s
Density (20 °C) (DGF C-IV 2D (52))	0,99 - 1.04 g/cm <sup>3</sup>

## Application

In combination with Polymer MDI Sovermol® 780 can be used for the production of 2 pack coating and casting materials, crack bridging coatings, in floorings and for adhesives.

In addition, Sovermol® 780 shows particular water repellency, which results in less sensitivity to moisture while curing.

### Mixing Formulation (without filler)

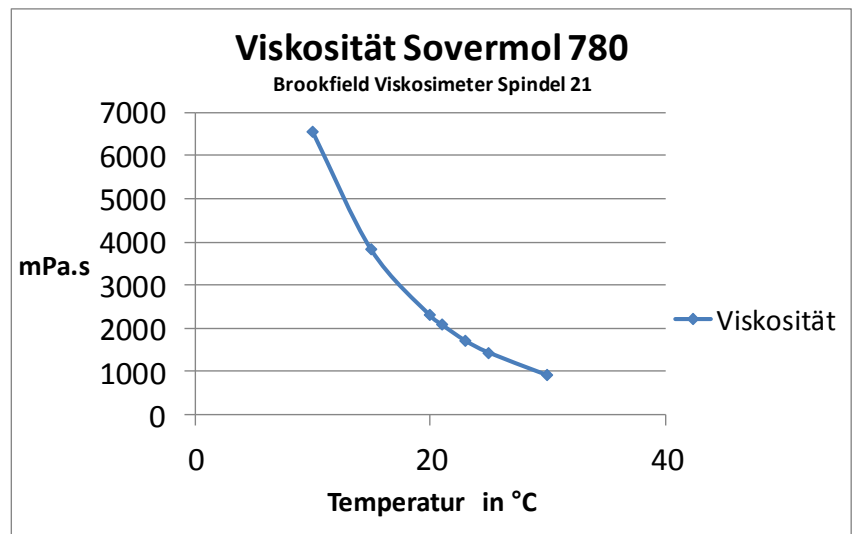
100 g Sovermol® 780
5 g Zeolith paste
123 g Polymer MDI*

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

### Shore hardness (ISO 868) (storage/room temperature)

after 1 day  
after 2 days  
after 3 days  
after 7 days  
after 14 days  
after 28 days

	A	D
after 1 day	-	-
after 2 days	100	90
after 3 days	-	-
after 7 days	-	-
after 14 days	-	-
after 28 days	100	91



**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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