

Sovermol[®] 780

Product description Sovermol[®] 780 is a co-polyol used in the manufacturing of polyurethanes

Key benefits

- Hydrolysis stable
- Shore D Hardness ~ 90
- Excellent chemical resistance
- High T_g-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

Technical data

(not supply specification)

Water content	DGF C-III 13A	< 0.2 %
Acid number	DGF C-V2	< 2.0 mg KOH/g
Hydroxyl number	ISO 4326	485 – 535 mg KOH/g
Viscosity, dynamic, 20 °C	ISO 2555 (MOD.)	2,000 – 2,600 mPa.s
Density, 20 °C	DGF C-IV 2D (52)	0.99 – 1.04 g/cm ³

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.

Formulation guideline (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)

A D

after 1 day

– –

after 2 days

100 90

after 3 days

– –

after 7 days

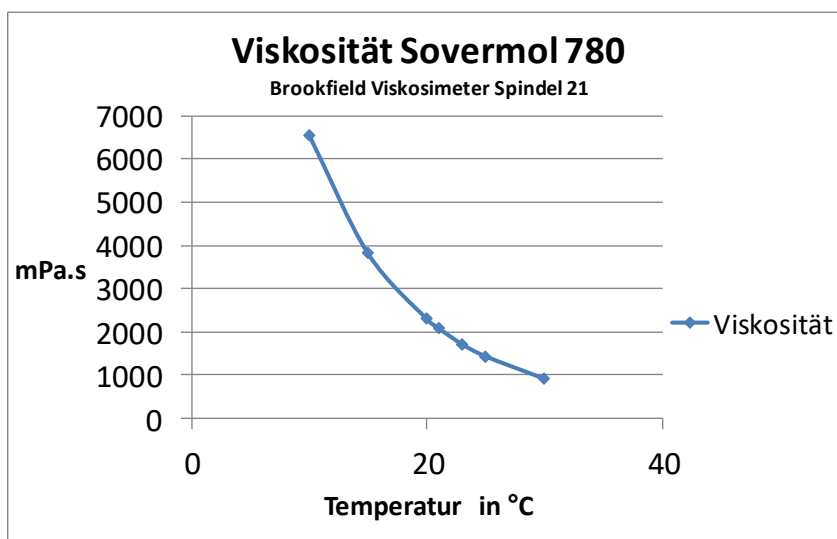
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after 14 days

– –

after 28 days

100 91



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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