LUVATOL Thickening Control for SMC / BMC

Brief Description:

LUVATOL is the trade mark of our magnesium oxide-, magnesium hydroxide- and calcium hydroxide pastes. These pastes are commonly used for the thickening of SMC and BMC. Compared with the powder form of MgO, $Mg(OH)_2$, CaO and $Ca(OH)_2$ **LUVATOL pastes** offer following advantages:

- constant thickening performance within batches of 10 and 20 tons
- good reproducibility of thickening performance from batch to batch
- high degree of activation of thickening agent by a special dispersing process
- possibility of automatic and continuous dosage
- better dispersion in the total formulation
- easy incorporation, no agglomerates
- dust free incorporation possible
- more resistant against moisture and CO_2-absorbtion than powder products

Monomer- and styrene-free unsaturated polyester resins are being used as carrier for **LUVATOL pastes**. **LUVATOL pastes** are adjusted to avoid sedimentation to a minimum if proper storage conditions are given.

Technical Data:

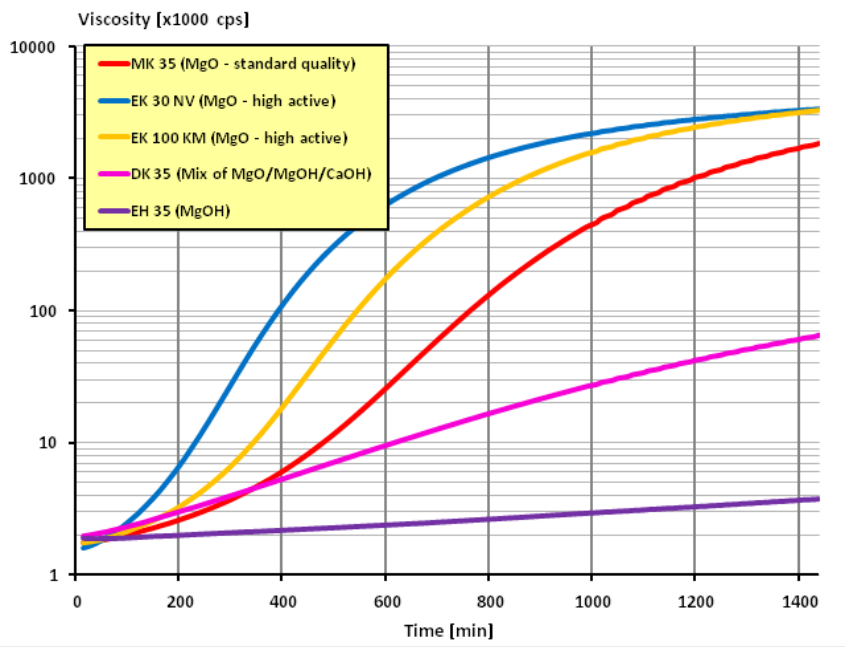
LUVATOL pastes are supplied in Drums of 120 or 210 l (= 140 - 250 kg), IBCs of 1,000 l (= 1,000 - 1,500 kg)

Under appropriate conditions, storage stability of the most **LUVATOL pastes** are min. 12 months.
The paste should be kept in a cool and dry place, no open-air storage!
Partly used drums must carefully be closed again immediately after use.

Additional Information:

On customer's request **LUVATOL pastes** can be produced with different contents, viscosities and thickening velocities.

Presently Lehmann & Voss & Co. offer many different **LUVATOL grades**.
To meet specific requirements, our technical service department is also able to develop tailor-made products.



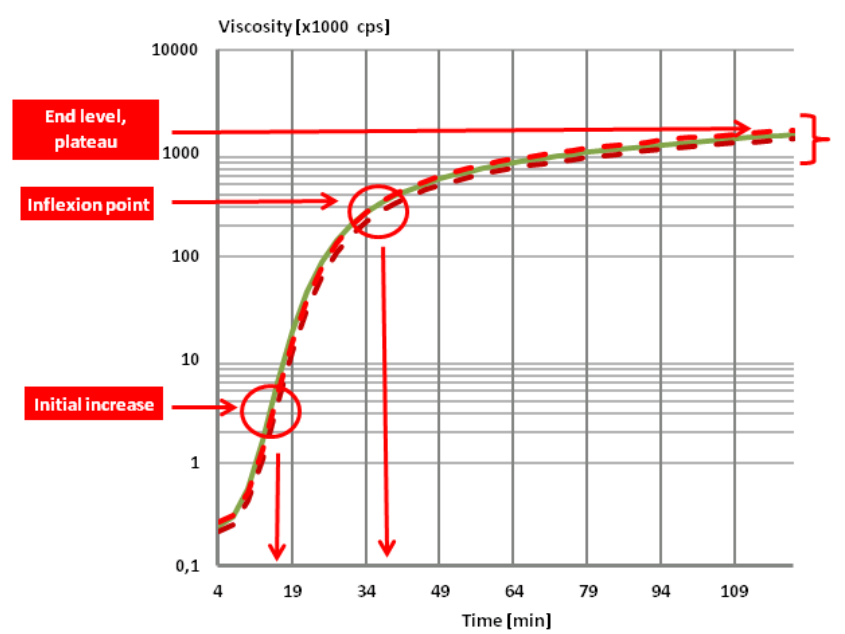
Thickening profiles for all requirements!

Hazard Information: Store tightly closed and in a cool, well-ventilated area. Protect from humidity and direct sunlight. Detailed information in material safety data sheet.

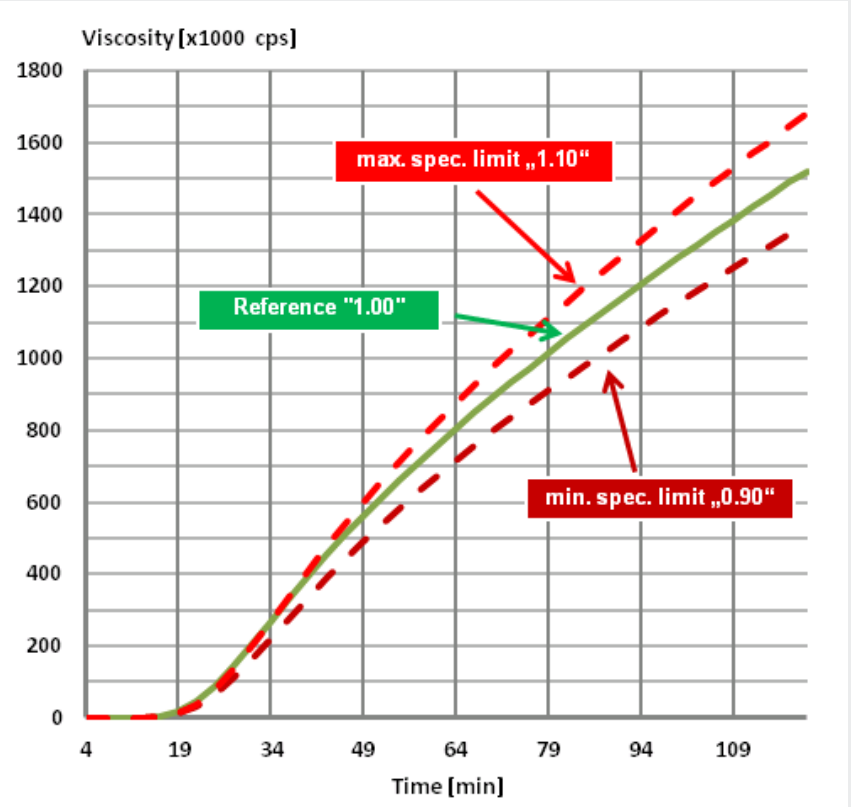
Quality Control of LUVATOL Thickening performance:

The quality control of the **LUVATOL** pastes is based on several state-of-the-art rheological methods.

The permanent control of the thickening profile, velocity and end plateau during the whole production process secures a constant, reproducible reactivity of the **LUVATOL** pastes for all SMC / BMC requirements.



Strictly defined specification limits of the thickening profile secure a good reproducibility of thickening performance from batch to batch.



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