

Temperaturabsenkung durch organische Additive: Viscobit

Dr. Niklas Lucht
Innospec Leuna GmbH

The logo for Innospec features the word 'innospec' in a bold, black, sans-serif font, followed by a stylized graphic element consisting of a green circle, a blue triangle, and a red triangle.

- 2010 – 2013 Universität Hamburg,
B. Sc. Nanowissenschaften
- 2013 – 2016 Universität Hamburg,
M. Sc. Nanowissenschaften
- 2016 – 2020 Universität Hamburg,
PhD Chemie
- 2020 – 2021 Universität Hamburg,
PostDoc Chemie
- seit 11/2021 Innospec Leuna GmbH
Anwendungstechniker
- seit 2023 Innospec Leuna GmbH
Produktverantwortlicher VISCOBIT





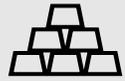
Alles aus einer Hand!



ISO-Zertifikate

Qualität:	ISO 9001:2015
Umwelt:	ISO 14001:2015
Energie:	ISO 50001:2018
Gesundheit & Sicherheit:	ISO 45001:2018





Kapazität: 30.000 t



Umsatz: \$70M (\$1,7B)



Angestellte: 124 (2100)





Kapazität: 30.000 t



Umsatz: \$70M (\$1,7B)

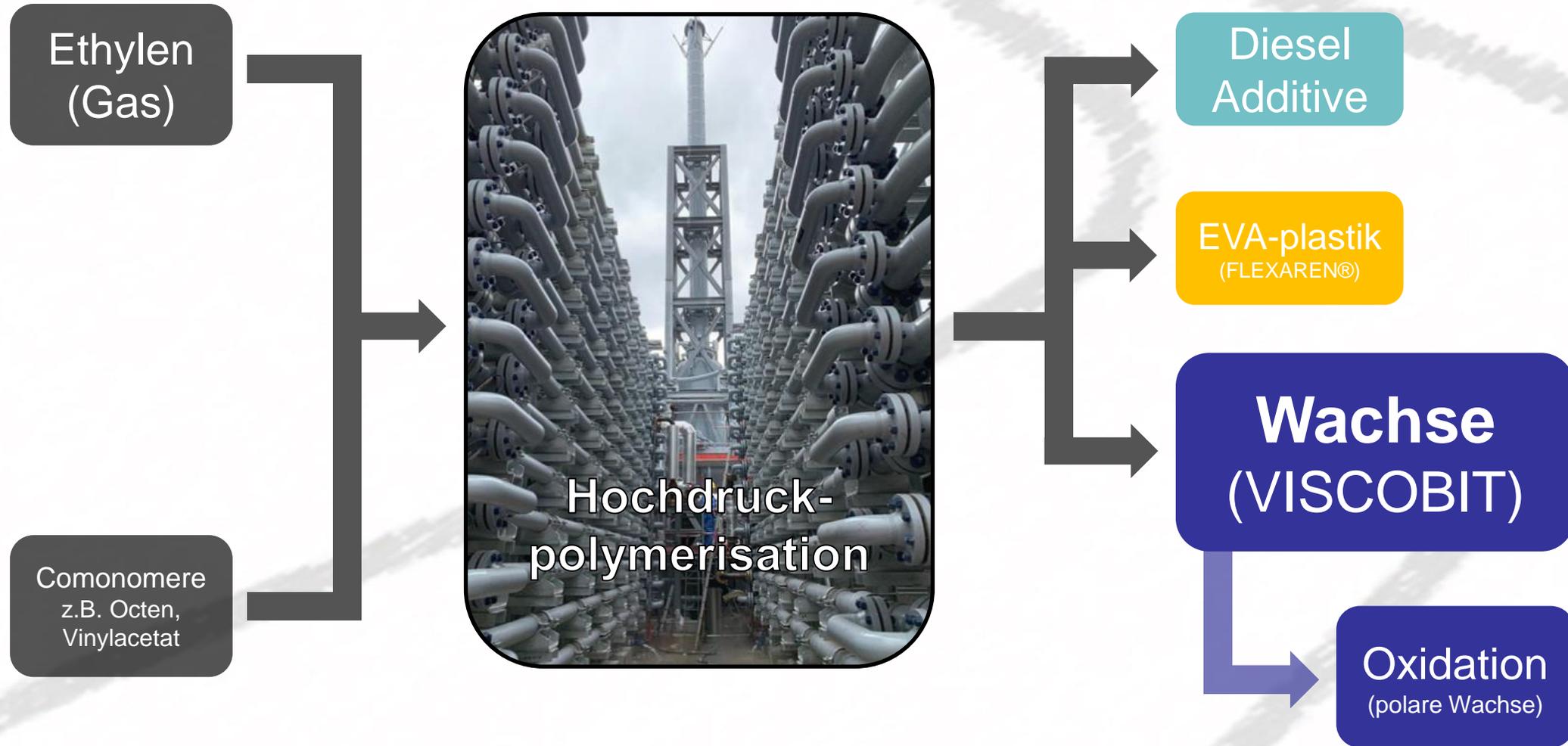


Angestellte: 124 (2100)

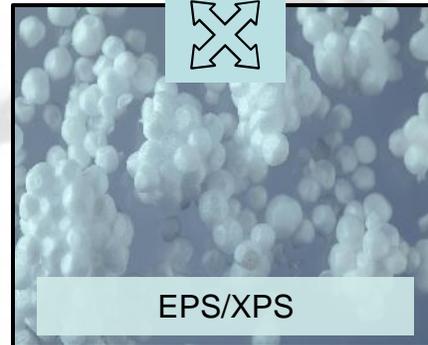
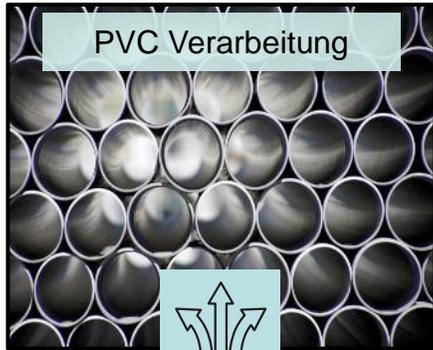
- Einer der größten PE-Wachs Produzenten weltweit
- 50 Jahre+ Expertise
- Jährlich steigende Investitionen zur Erweiterung der Anlage und Produktentwicklung
- VISCOBIT erstes PE-Wachs zur Temperaturabsenkung von Asphalten



Innospec Leuna betreibt eine Hochdruckpolymerisationsanlage



Hauptgeschäftsfelder außerhalb von Bitumen



VISCOBIT

- unpolares PE-Wachs
- Temperaturabsenkung
- Für Guss- & Walzasphalt

VISCOBIT 200

- polares PE-Wachs
- moderate Temperaturabsenkung
- Haftvermittler

VISCOBIT ADPRO

- MSA modifiziertes PE-Wachs
- Haftvermittler für besonders haftkritische Materialien

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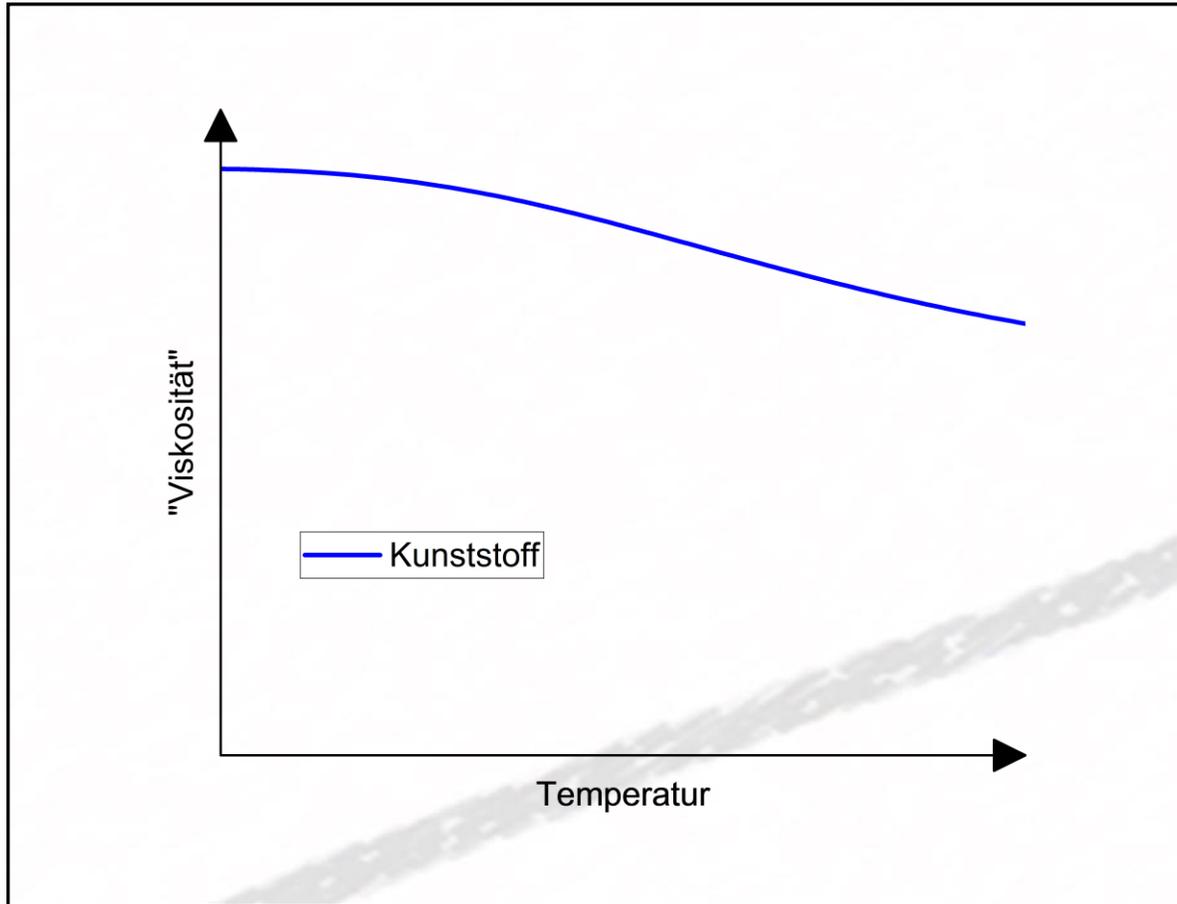
VISCOBIT ADPRO

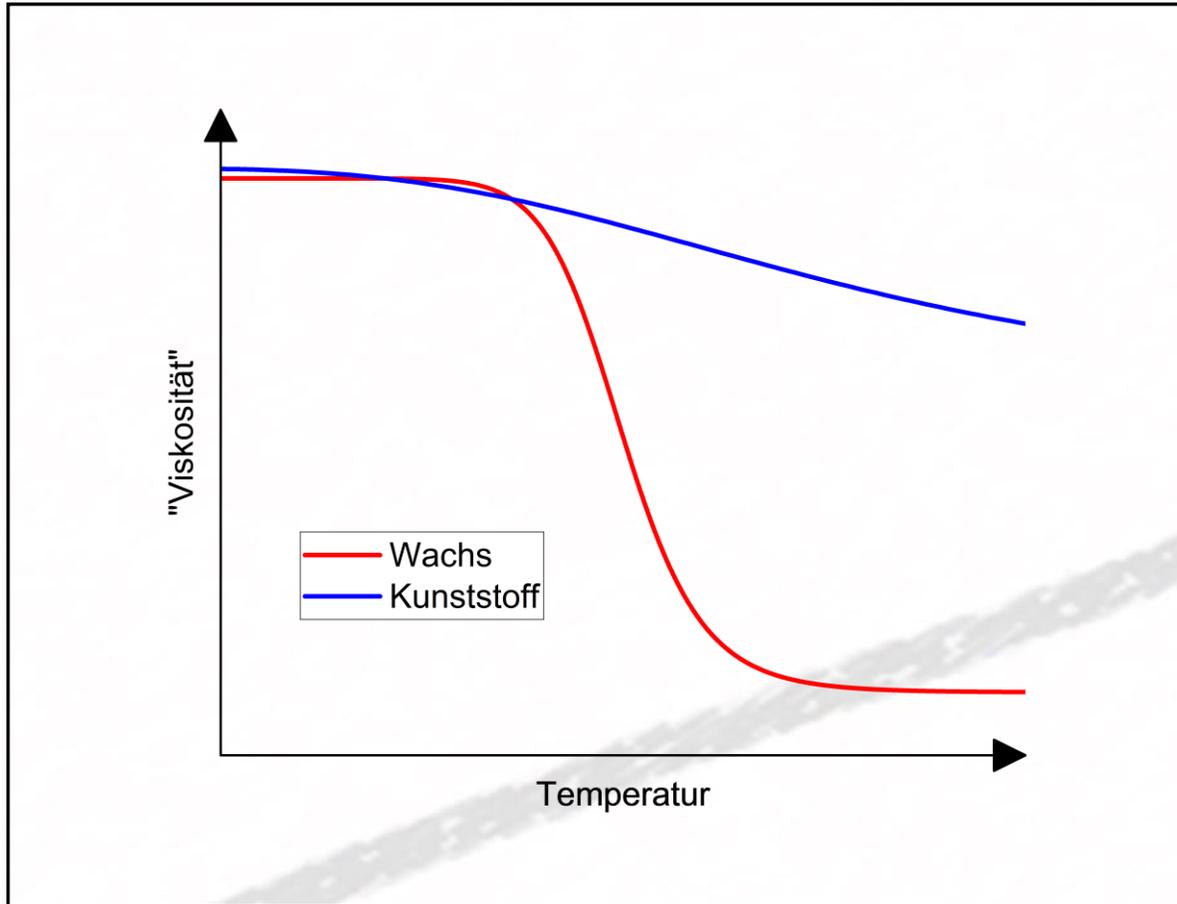
- MSA modifiziertes PE-Wachs
- Haftvermittler für besonders haftkritische Materialien

The background image shows a construction site with several large asphalt paving machines in operation. The machines are primarily yellow and grey, with some red and blue accents. They are positioned on a newly laid asphalt surface, which is dark and textured. The sky is overcast, and the overall scene is industrial and focused on infrastructure work.

WACHSE IM ASPHALT MISCHGUT

Funktionsweise



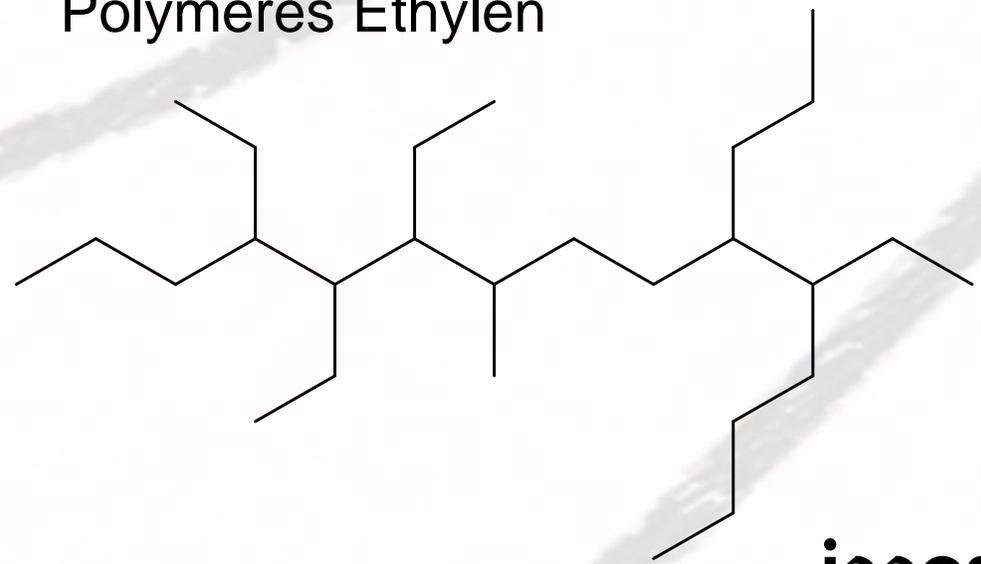
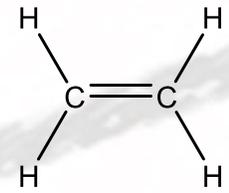




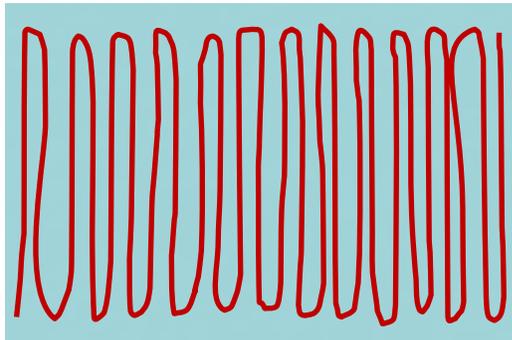
Fischer-Tropsch Wachs



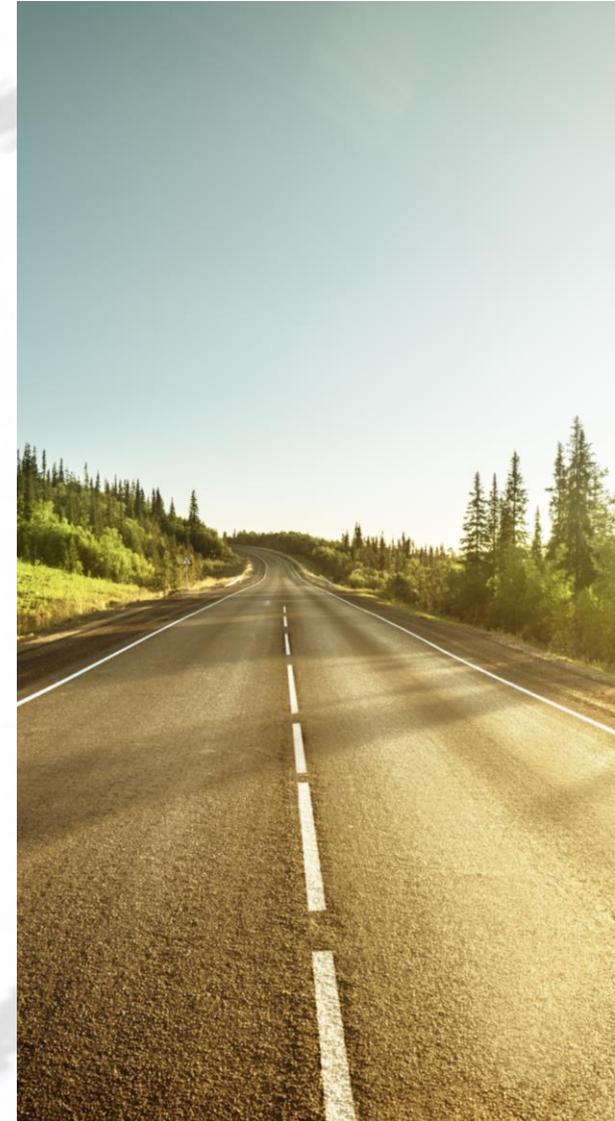
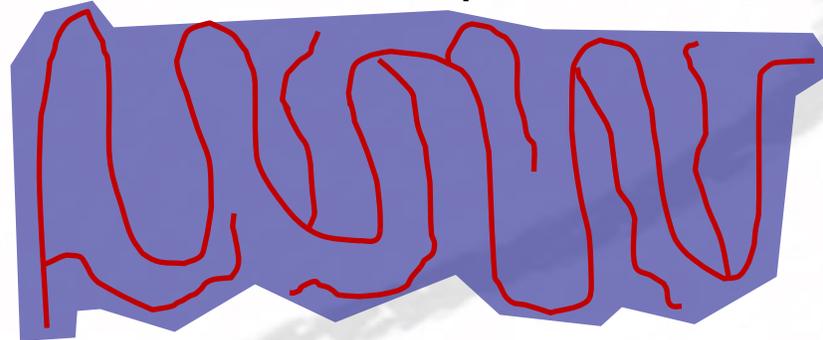
Polymeres Ethylen



Kristallin

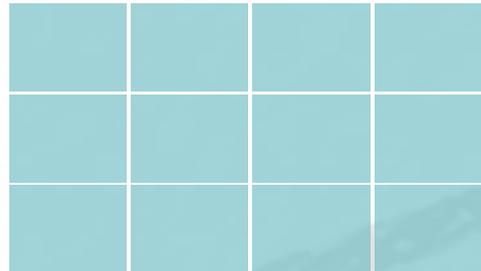


Amorph

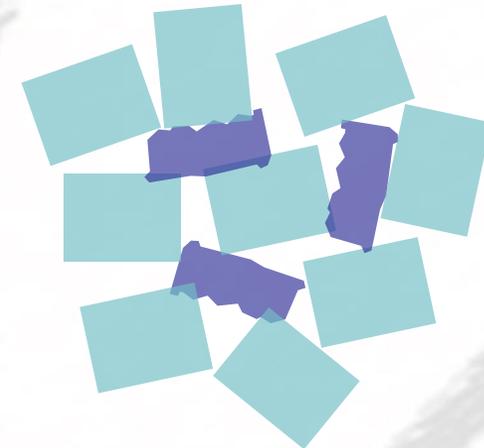




Kristallines Wachs,
z.B. FT-Wachs

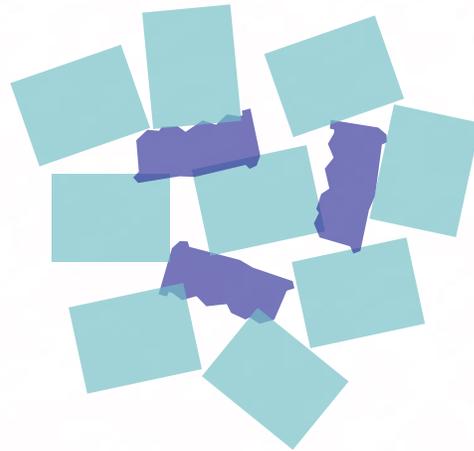


Teilkristallines Wachs,
z.B. VISCOBIT

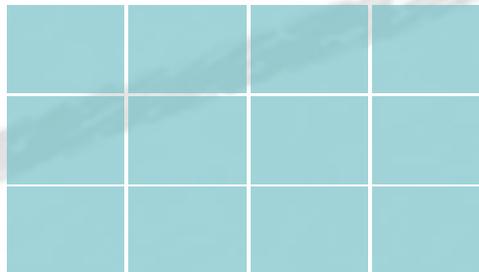




Teilkristallines Wachs,
z.B. VISCOBIT

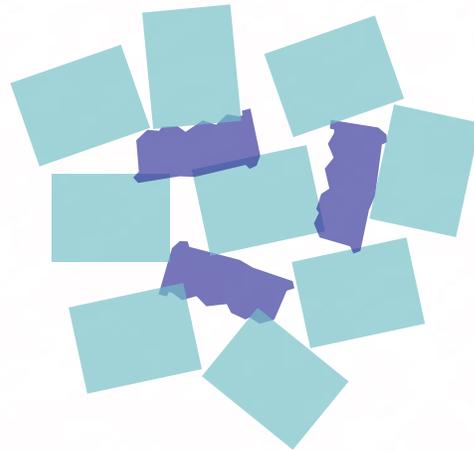


Kristallines Wachs,
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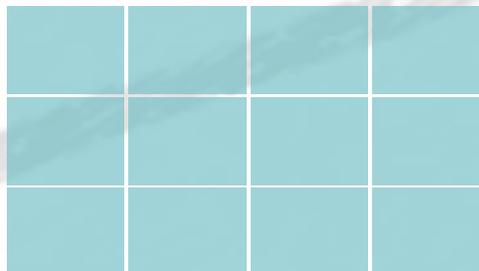




Teilkristallines Wachs,
z.B. VISCOBIT



Kristallines Wachs,
z.B. FT-Wachs



amorph

Morphologie

kristallin

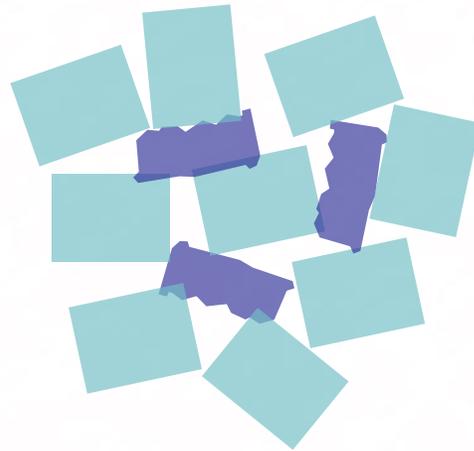
niedrig

Schmelzpunkt

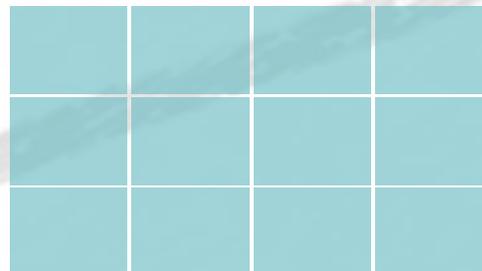
hoch



Teilkristallines Wachs,
z.B. VISCObIT



Kristallines Wachs,
z.B. FT-Wachs



amorph

Morphologie

kristallin

niedrig

Schmelzpunkt

hoch

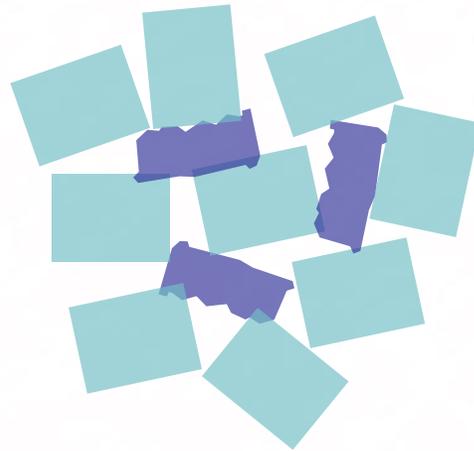
weich

Härte / Spröde

hart



Teilkristallines Wachs,
z.B. VISCOBIT



Kristallines Wachs,
z.B. FT-Wachs



amorph

Morphologie

kristallin

niedrig

Schmelzpunkt

hoch

weich

Härte / Spröde

hart

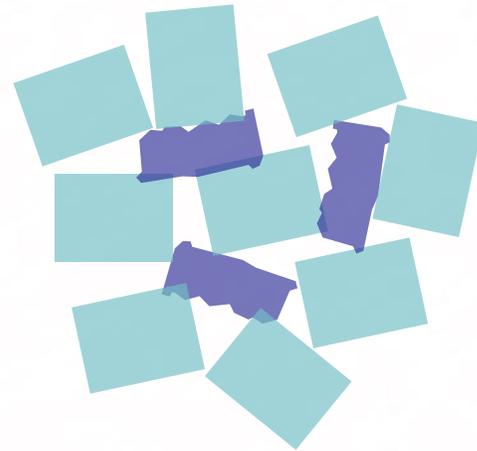
gering

Kälteempfindlichkeit

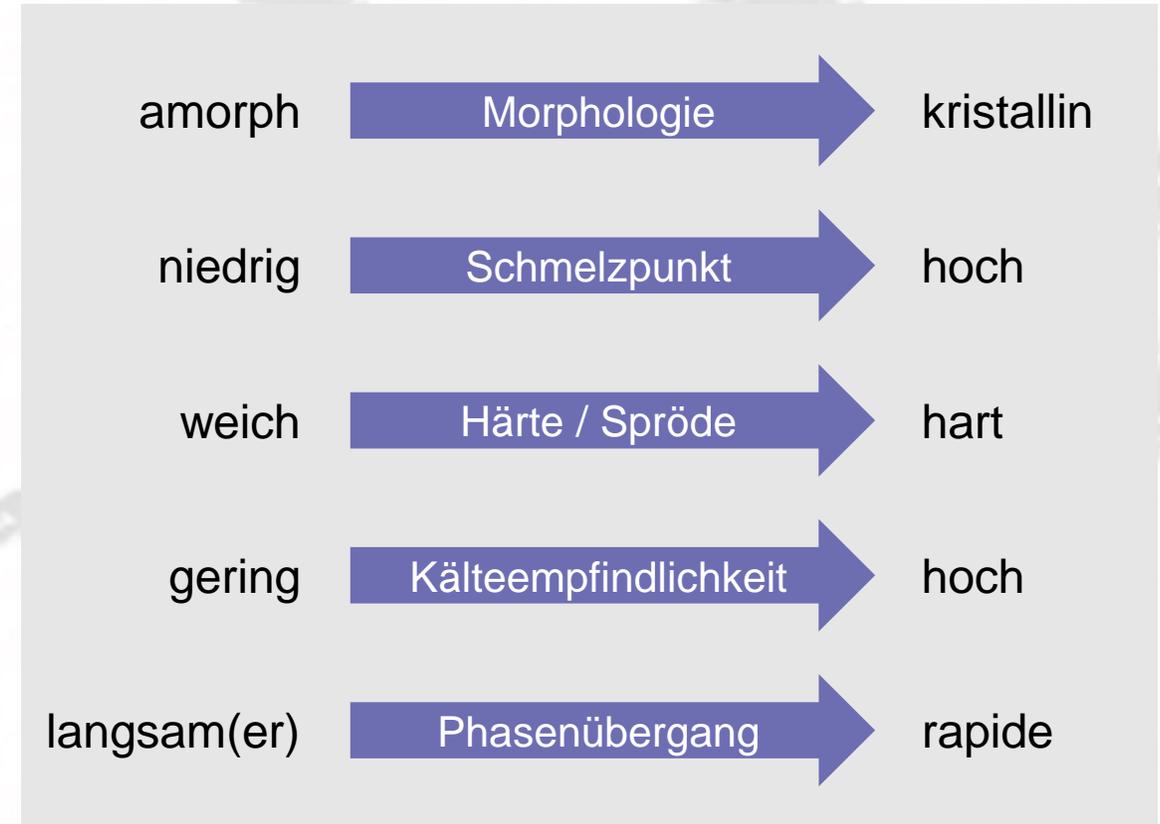
hoch

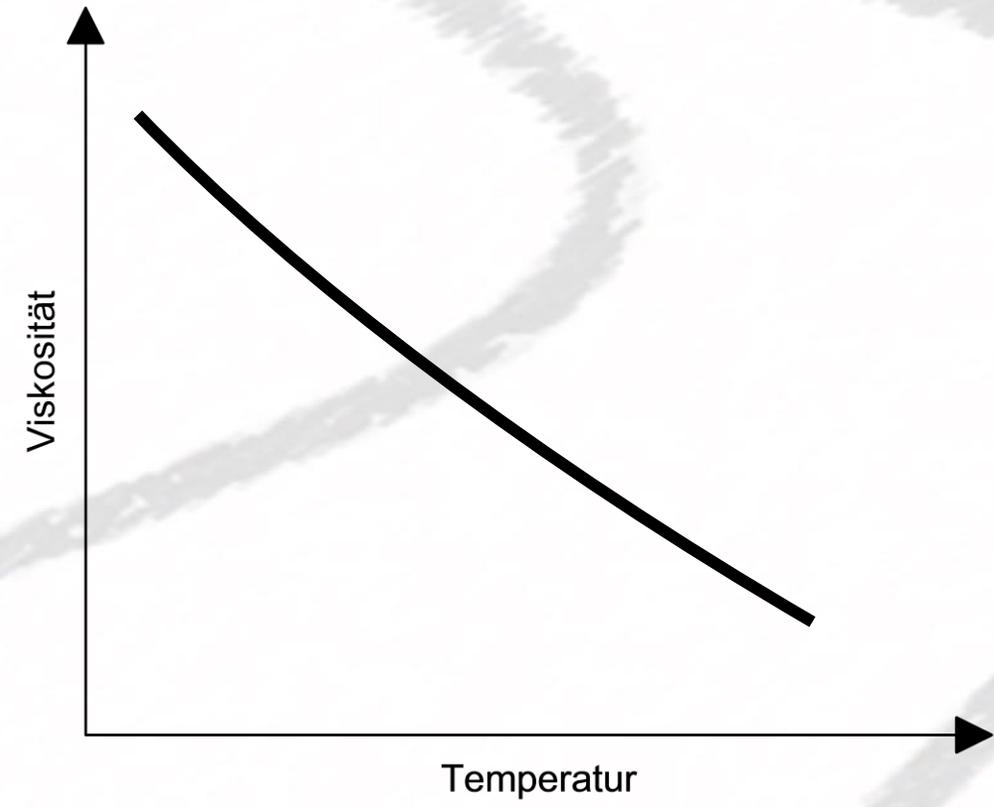


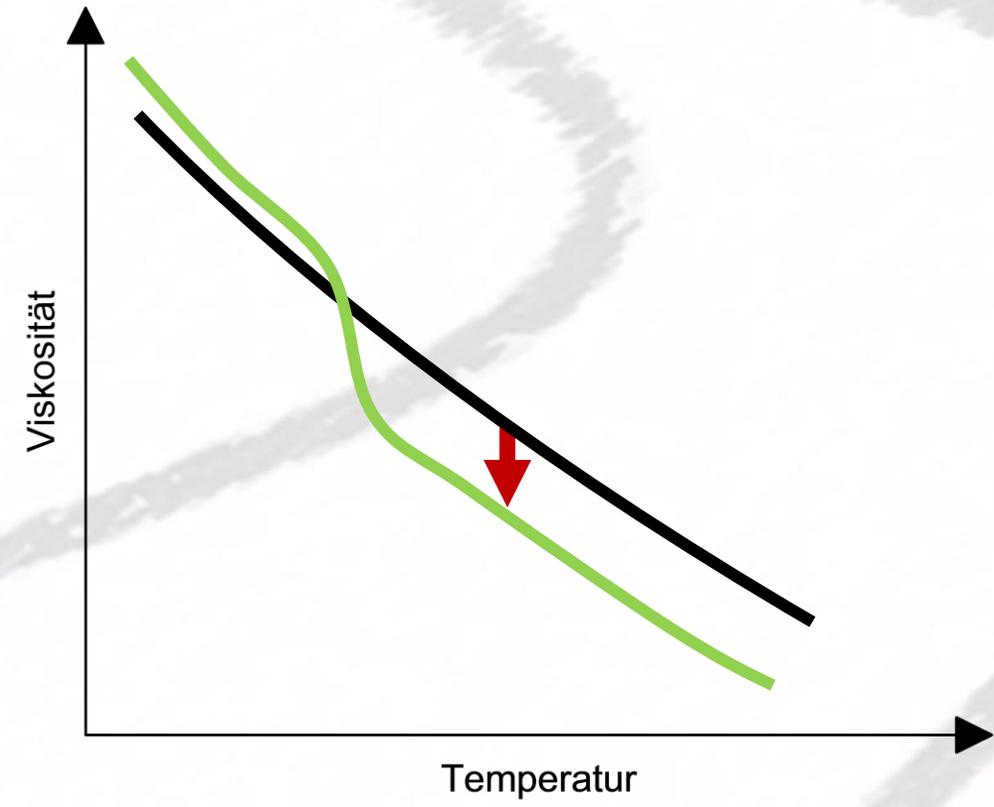
Teilkristallines Wachs,
z.B. VISCObIT

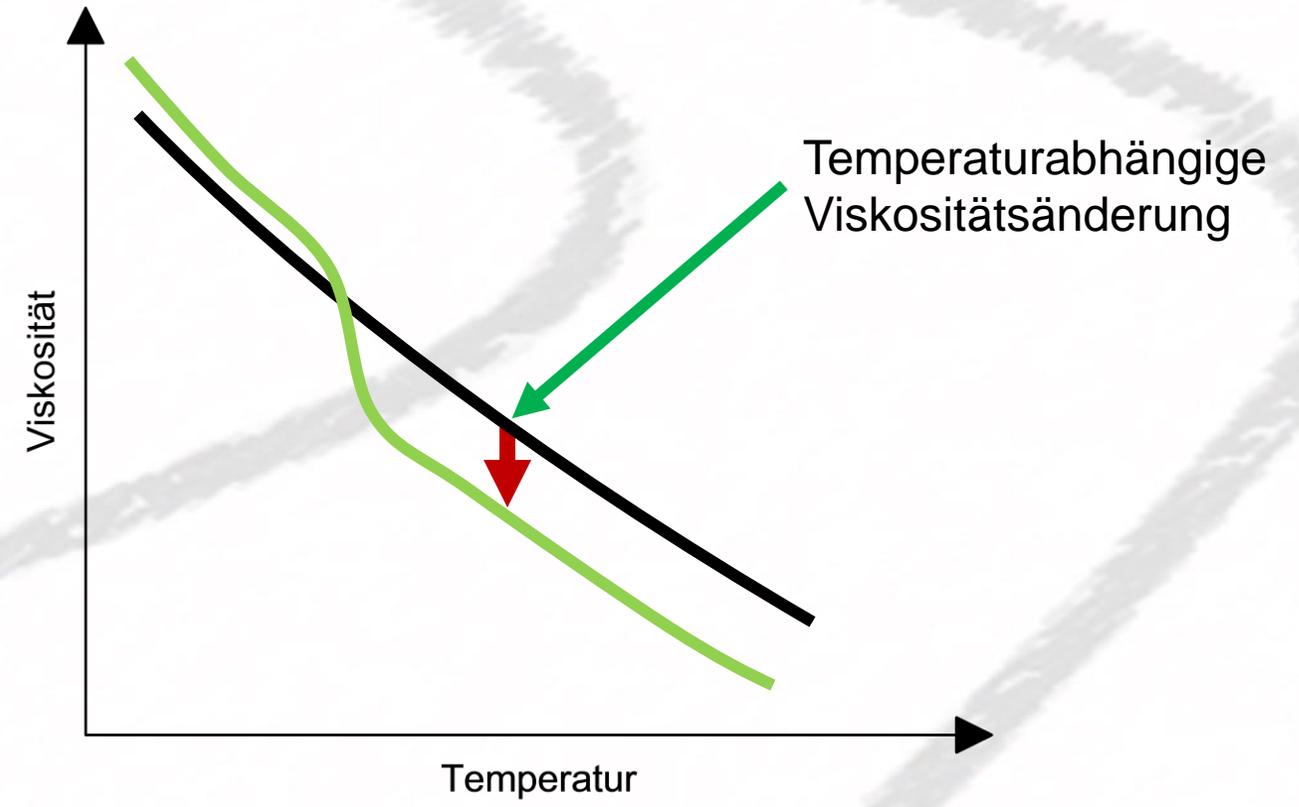


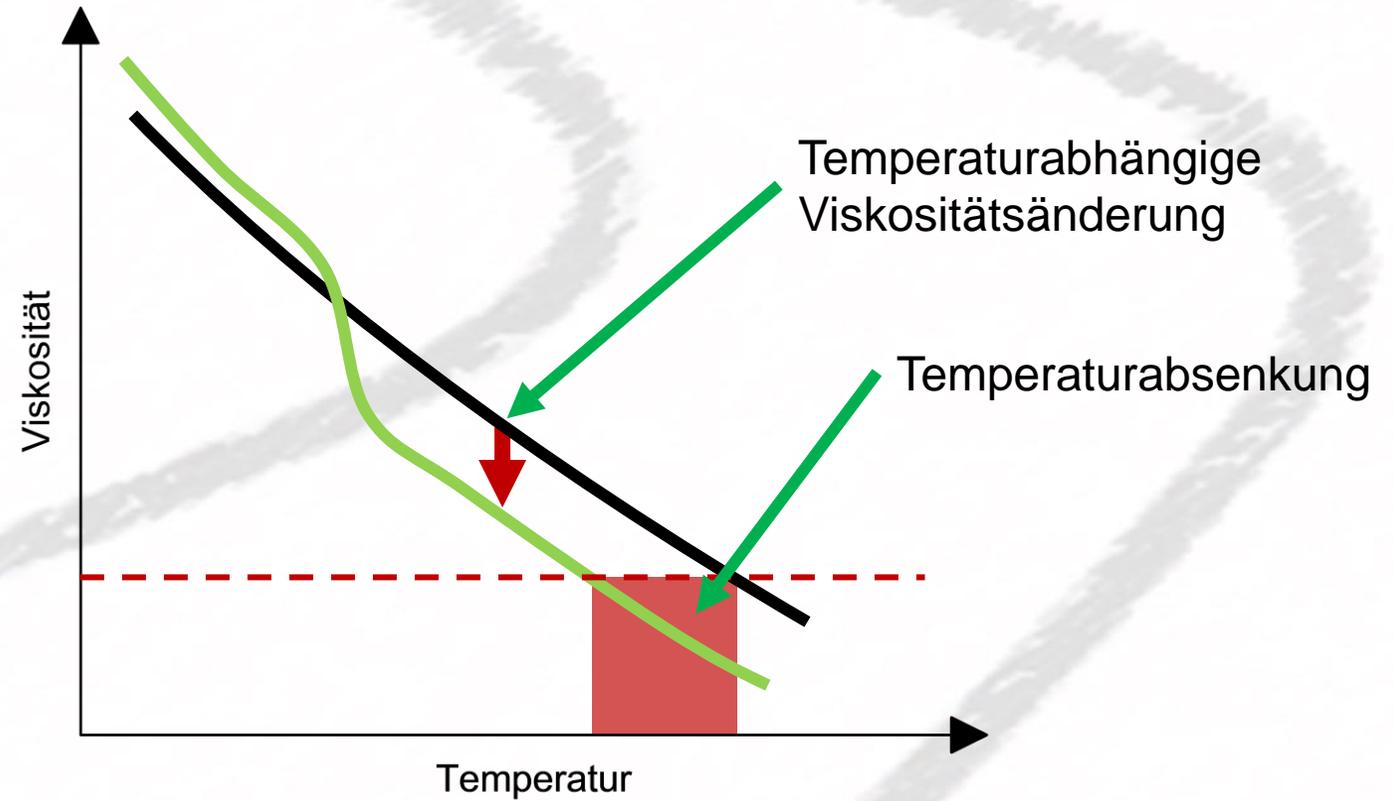
Kristallines Wachs,
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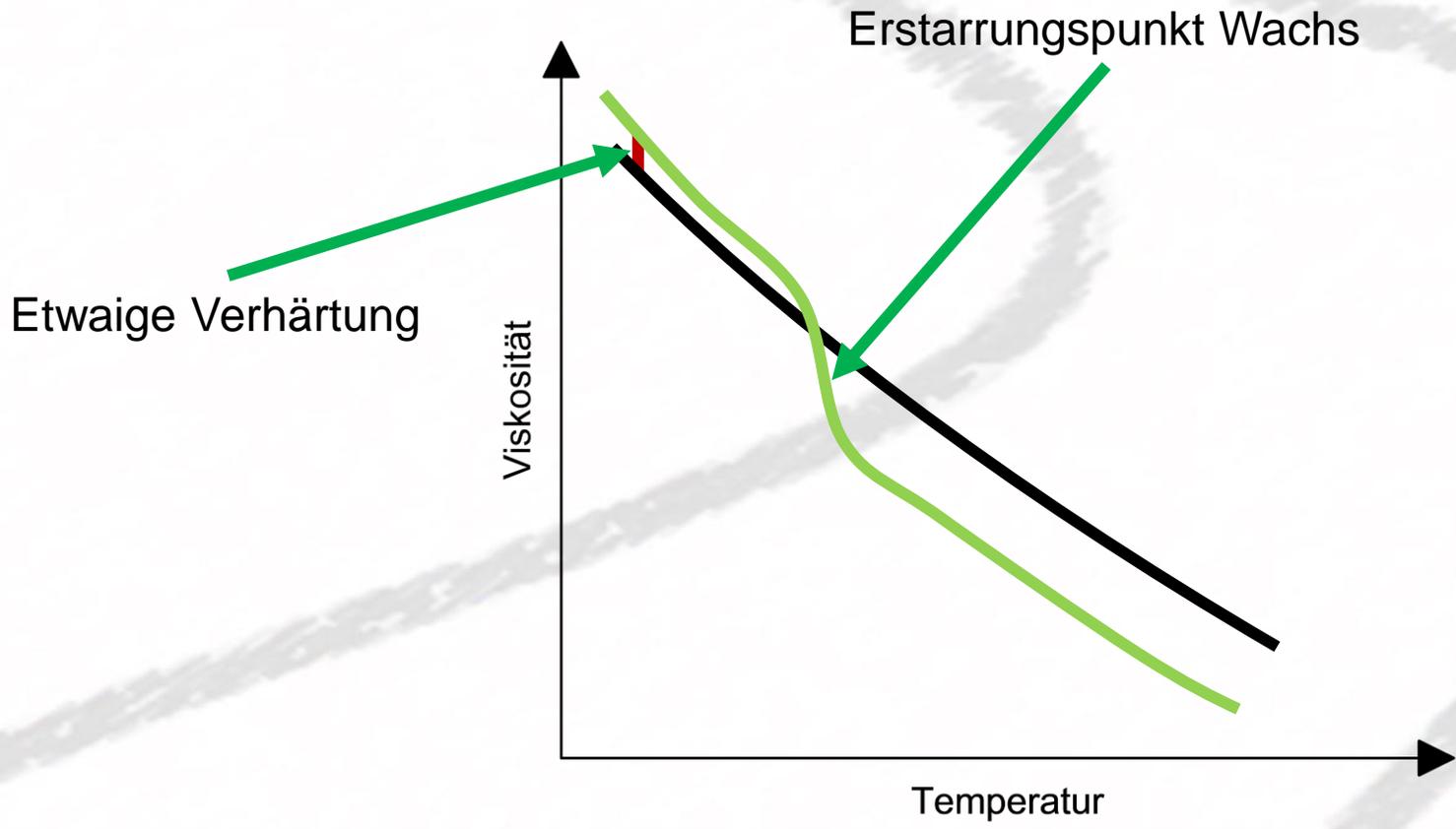












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