



LATEX THICKENING AGENTS

LATEX THICKENING AGENTS ARE USED TO INCREASE AND ADJUST THE VISCOSITY OF LATEX MIXTURES FOR A VARIETY OF APPLICATIONS. THEY ARE, FOR EXAMPLE, ADDED TO LATEX COMPOUNDS USED FOR THIN FILM OR SHEET PRODUCTION TO INCREASE FILM THICKNESS AND PREVENT STRIKETHROUGH INTO FABRIC LAYERS.

Struktol® LV 418

- Aqueous solution of ammonium salt of methacrylic acid acrylic ester copolymer
- Falls under the class of alkali swellable emulsions (ASE)
- Ready to use – no pre-mixing required

Total Solid Content: 6.5 %

Active Content: 6.5 %

- Cast latex articles
- Latex threads
- Moulded latex articles
- NR-Latex

Struktol® LV 485

- Aqueous solution of ammonium salt of a hydrophobically modified acrylic acid copolymer
- Falls under the class of hydrophobically modified alkali swellable emulsions (HASE)
- Ready to use – no pre-mixing required
- Lower product viscosity

Total Solid Content: 2.0 %

Active Content: 2.0 %

- Cast latex articles
- Latex threads
- Moulded latex articles
- NR-Latex

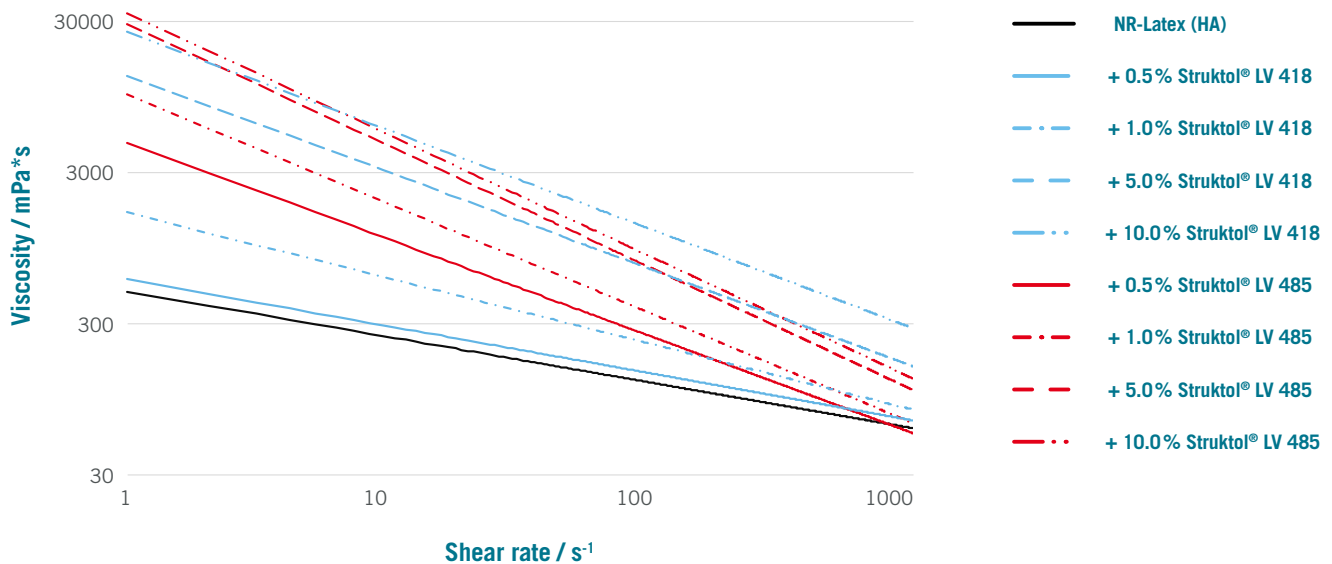


TECHNICAL DETAILS

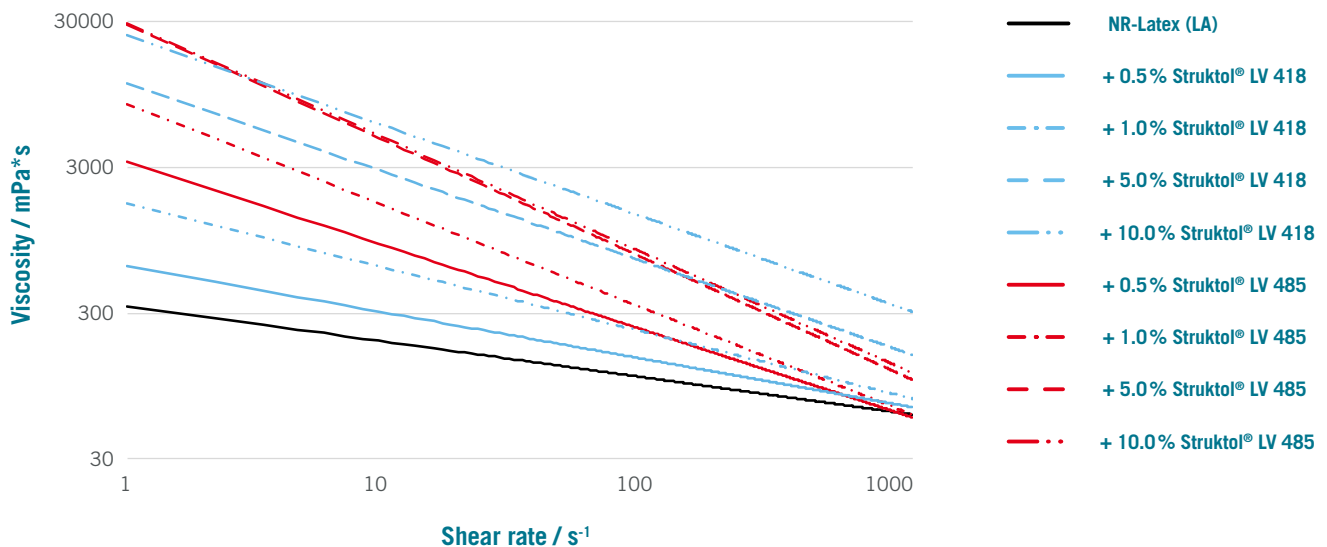
Struktol® LV 418 and Struktol® LV 485 are thickening agents used to adjust latex compound viscosity over varying shear rates. Both products are UV stable and suitable for use in natural rubber latex with high or low ammonia content (HA/LA).

Struktol® LV 418 and Struktol® LV 485 are suitable for a broad range of applications where different viscosities at varying shear rates may be preferred. Struktol® LV 485 shows a stronger shear-thinning effect than Struktol® LV 418.

Viscosity at 20°C with Struktol® LV 418 vs. Struktol® LV 485 in NR-Latex (HA)



Viscosity at 20°C with Struktol® LV 418 vs. Struktol® LV 485 in NR-Latex (LA)



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