Makrovil PAC 243

- Emulsion polymer based on acrylates, carboxylated

Fields of Application: **Wood Finishing, Printing Inks**

- Binder for base coatings on fiberboard
- Binder for printing inks on wood

Characteristics:

- excellent adhesion on fiberboards
- very good transfer
- excellent resolubility

Appearance	:	white emulsion
Solid contents * (DIN EN ISO 3251)	:	39 – 41 %
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=121 s^{-1})	:	< 100 mPa·s
pH Value * (DIN ISO 976)	:	2.0 – 4.0
MFFT (DIN ISO 2115)	:	appr. 0°C
Acid Value * (DIN ISO 2114)	:	130 - 150 mg KOH/g solid
Ionicity	:	anionic
Freeze/Thaw Stability	:	unstable

2020-04-02

* Specification values listed in our certificate of analysis

please turn

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Neutralization:

50.0 g	Water
50.0 g	Makrovil PAC 243
3.5 g	Ammonia solution 25 %
103.5 g	

Viscosity: appr. 850 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s^{-1})

For checking of the material we recommend a pH value of 8.5.

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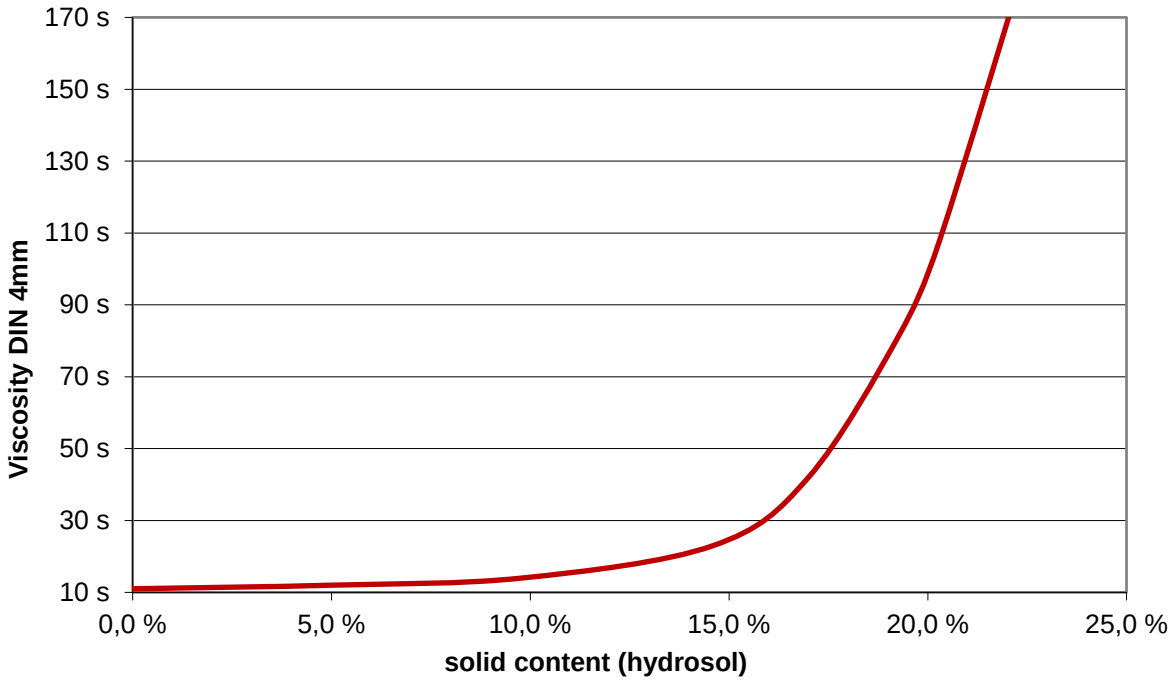
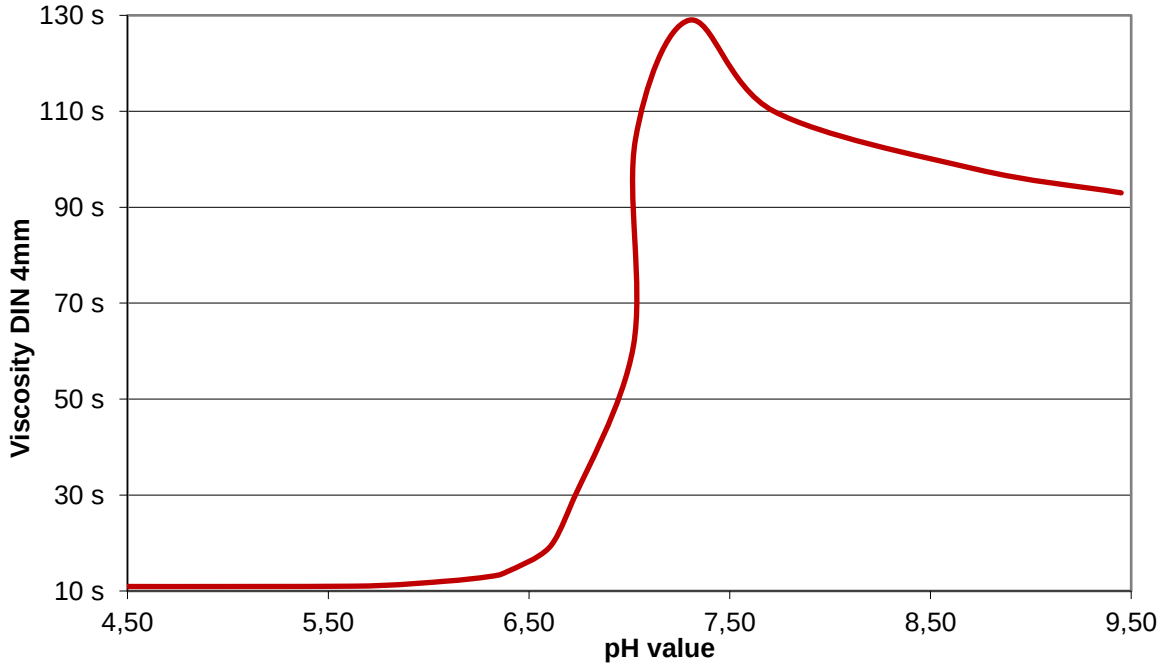
Hydrosol NH_3-neutralized (pH approx. 8.5)



Hydrosol NH_3-neutralized (approx. 20% solid)



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