

Makrovil PAC 626

- ◆ Emulsion polymer based on acrylates and methacrylates, carboxylated

Fields of Application: **Wood Finishing**

Grinding vehicle for base coatings and fillers on fiberboard

Characteristics:

- ◆ excellent adhesion on fiberboards
- ◆ very good transfer
- ◆ very high hydrosol viscosity

Appearance	:	white emulsion	
Solid Contents * (DIN EN ISO 3251)	:	49 – 51 %	
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=38.7 s ⁻¹)	:	< 200 mPa·s	I
pH Value * (DIN ISO 976)	:	3.5 – 4.5	
MFFT (DIN ISO 2115)	:	appr. + 13°C	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 42°C	
Acid Value * (DIN ISO 2114)	:	110 - 125 mg KOH/g solid	
Protective Colloid	:	surfactants	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	
2020-04-09			
* Specification value listed in our certificate of analysis			

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Makrovil PAC 626

Remarks:

The hydrosol of Makrovil PAC 626 shows a significant higher viscosity than Makrovil PAC 619 and a lower viscosity than Makrovil PAC 618.

The hydrosol of Makrovil PAC 626 is used as a grinding vehicle for fillers and pigments. After dispersing the let-down vehicles Makrovil VVE 500 or Makrovil VVE 240 may be added to improve the water resistance.

Addition of polyvinyl alcohol solutions (i.e. Makrovil PVA 0530) may improve the transfer.

Usually the base coating will be over coated with an ultraviolet-hardening finishing lacquer.

Neutralization:

30.0 g	Makrovil PAC 626
70.0 g	Water
appr. 2.2 g	Ammonia Solution 25 %

Viscosity: appr. 1500 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s-1)

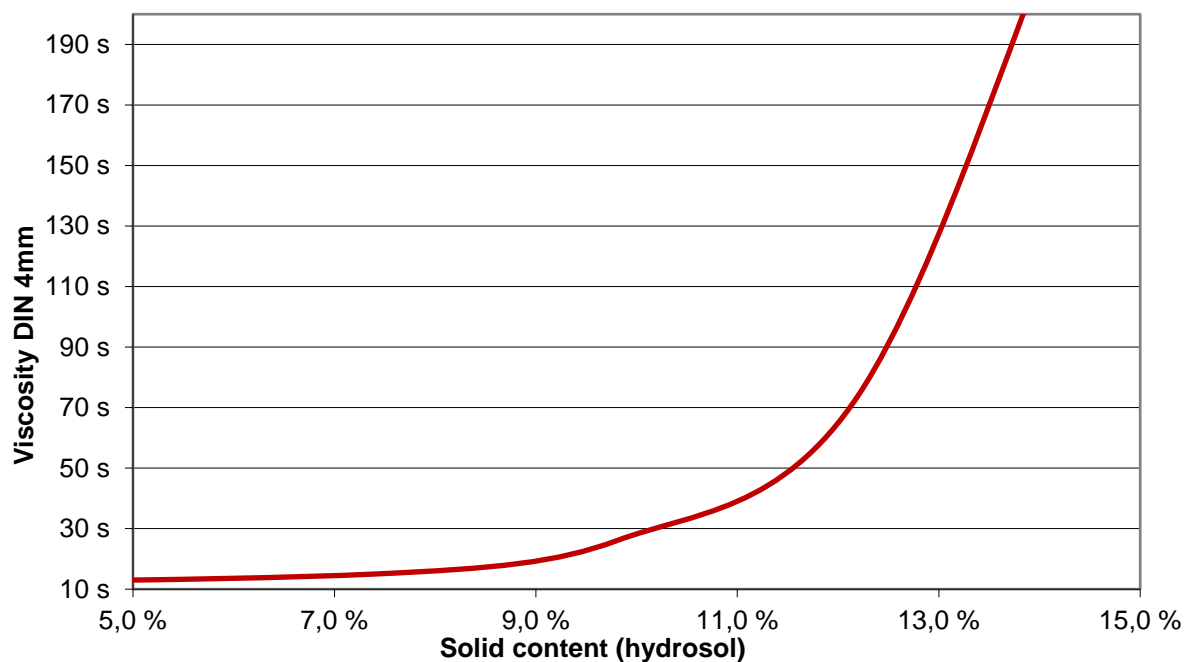
For checking of the material we recommend a pH value of 9.0.

Starting Formulations:

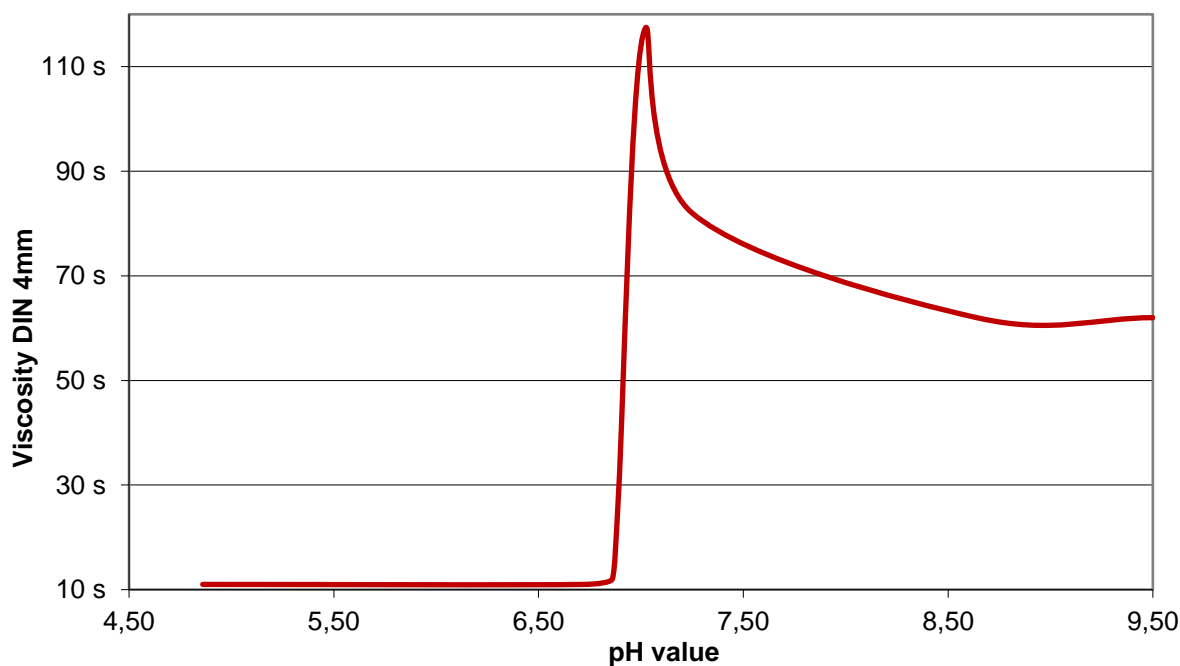
No. 87 base coating on fibreboard
No. 130 base coating for chipboard
No. 210 white dull matt interior paint
No. 265 base coating for chipboard

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Hydrosol NH₃-neutralized (pH approx. 8.5)



Hydrosol NH₃-neutralized (approx. 12% solid)



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