

Makrovil PAC 249

- ◆ Emulsion polymer based on acrylates and methacrylates, carboxylated

Fields of Application: Wood Finishing, Printing Inks and Pigment Concentrates

- ◆ Binder for primer coatings on wood, pigment concentrates and water-based flexographic and gravure-printing inks

Characteristics:

- ◆ excellent adhesion on wood
- ◆ very good flexibility
- ◆ excellent pigment wetting

| | | | |
|--|---|------------------------|------------|
| Appearance | : | white emulsion | |
| Solid Contents * (DIN EN ISO 3251) | : | 39 – 41 % | |
| Viscosity at 20°C (DIN 53019-1) Anton Paar RheolabQC; MS: CC27; D=38.7 s ⁻¹) | : | < 150 mPa·s | |
| pH Value * (DIN ISO 976) | : | 3.5 – 4.5 | I |
| MFFT (DIN 53787) | : | appr. 0°C | |
| Glass Temperature (DSC) (DIN 51007) | : | appr. + 17°C | |
| Acid Value * (DIN ISO 3682) | : | 60 - 80 mg KOH/g solid | |
| Protective Colloid | : | surfactants | |
| Ionicity | : | anionic | |
| Freeze/Thaw Stability | : | unstable | |
| | | | 2020-04-02 |
| * Specification value listed in our certificate of analysis | | | |

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Makrovil PAC 249

Remarks:

Prior to use Makrovil PAC 249 has to be diluted with water and neutralized whilst stirring. The hydrosol shows a steep pH/viscosity curve.

Makrovil PAC 249 may be used as a flexibility and rheology modifier for water-based systems.

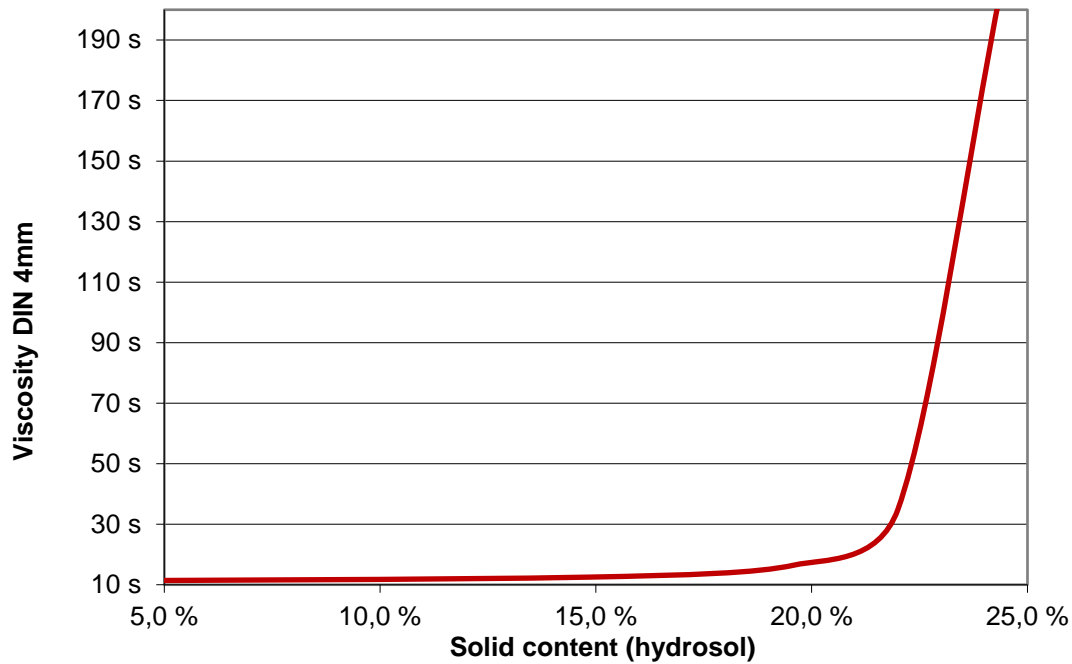
Neutralization:

| | | |
|-----------|---|-----------------------|
| 60.0 | g | Makrovil PAC 249 |
| 40.0 | g | Water |
| appr. 2.0 | g | Ammonia solution 25 % |

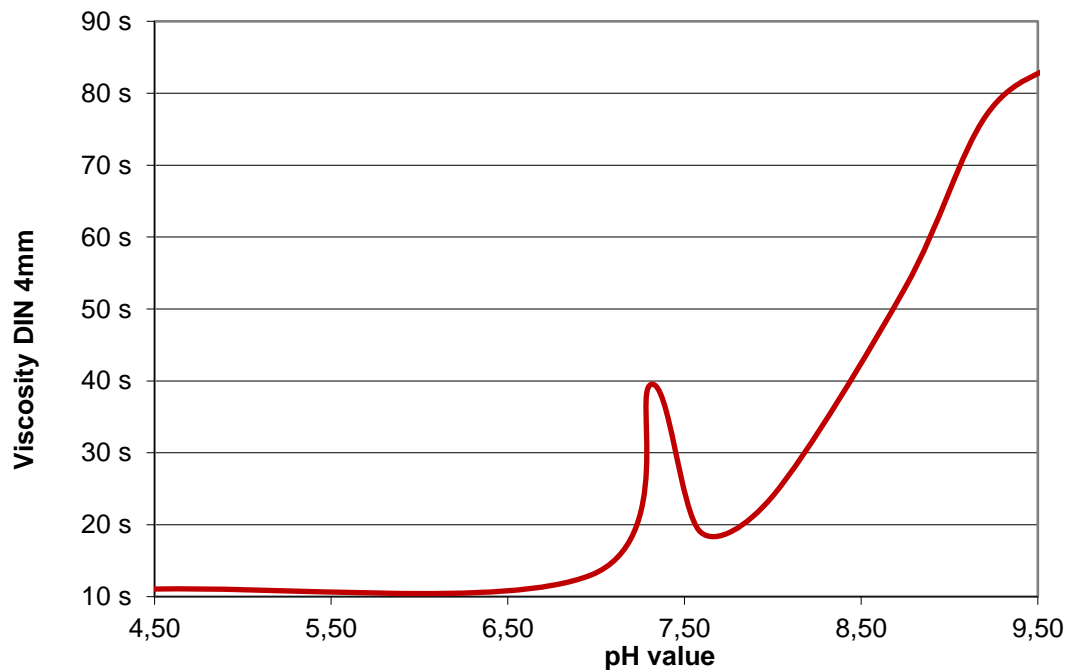
For checking of the material we recommend a pH value of 8.5.

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Hydrosol NH₃-neutralized (pH approx. 8.5)



Hydrosol NH₃-neutralized (approx. 23% solid)



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