Induprint PAC 907

- Emulsion polymer based on methacrylates, carboxylated

Fields of Application: **Printing Inks and Overprint Varnishes**

- Binder for water-based overprint varnishes
- Let-down vehicle for water-based flexographic and gravure-printing inks (i. e. for corrugated board, paper bags...) (post-print and **pre-print**)

Characteristics:

- high heat resistance
- excellent resolubility
- high photostability
- excellent gloss
- very good 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=378s^{-1})	:	< 100 mPa·s
pH Value * (DIN ISO 976)	:	4.0 – 5.0
MFFT (DIN ISO 2115)	:	appr. + 85°C
Glass Temperature (DSC) (DIN 51007)	:	appr. + 116°C
Acid Value * (DIN ISO 2114)	:	125 - 150 mg KOH/g solid
Ionicity	:	anionic
Freeze/Thaw Stability	:	stable

2026-09-30

* Specification values listed in our certificate of analysis

please turn

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Induprint PAC 907

INDULOR
The Polymer Family

Remarks:

Induprint PAC 907 is a very hard polymer. Nevertheless after neutralization with ammonia solution or other amines it forms a film at room temperature.

Induprint PAC 907 is free of glycols or glycol ethers.

The ammoniacal solution of Induprint PAC 907 is free of blocking at temperatures up to 250°C and pressures of 5 bar. Therefore Induprint PAC 907 is an ideal binder for pre-print application.

Neutralization:

50.0 g	**Induprint PAC 907**
50.0 g	water
3.5 g	ammonia solution 25 %
103.5 g	

Starting Formulation:

No. 108	heat resistant printing ink
No. 201	preprint coating

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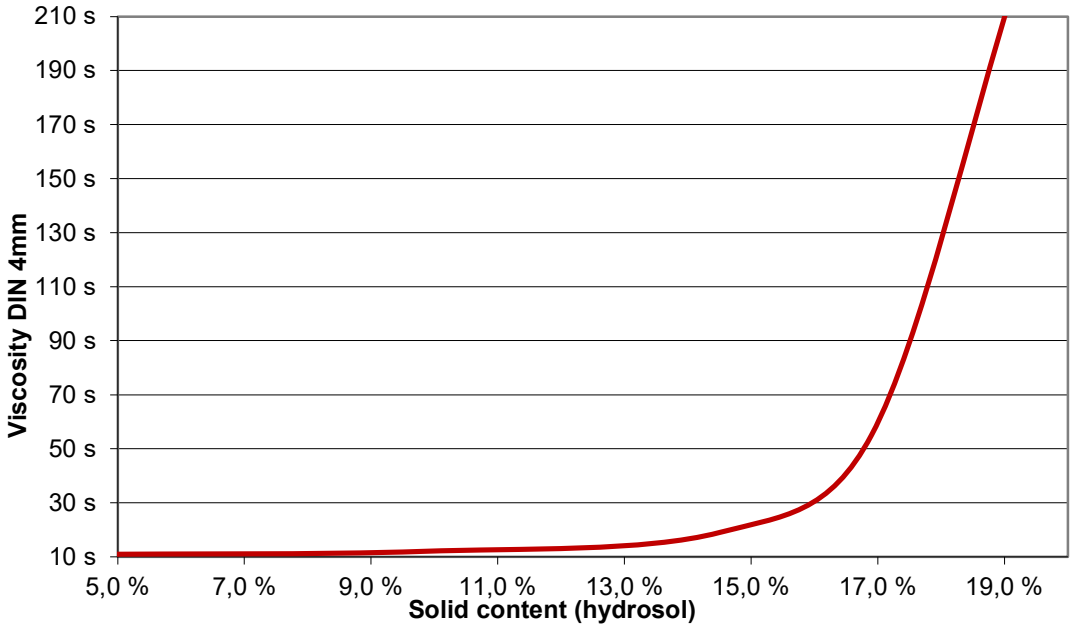
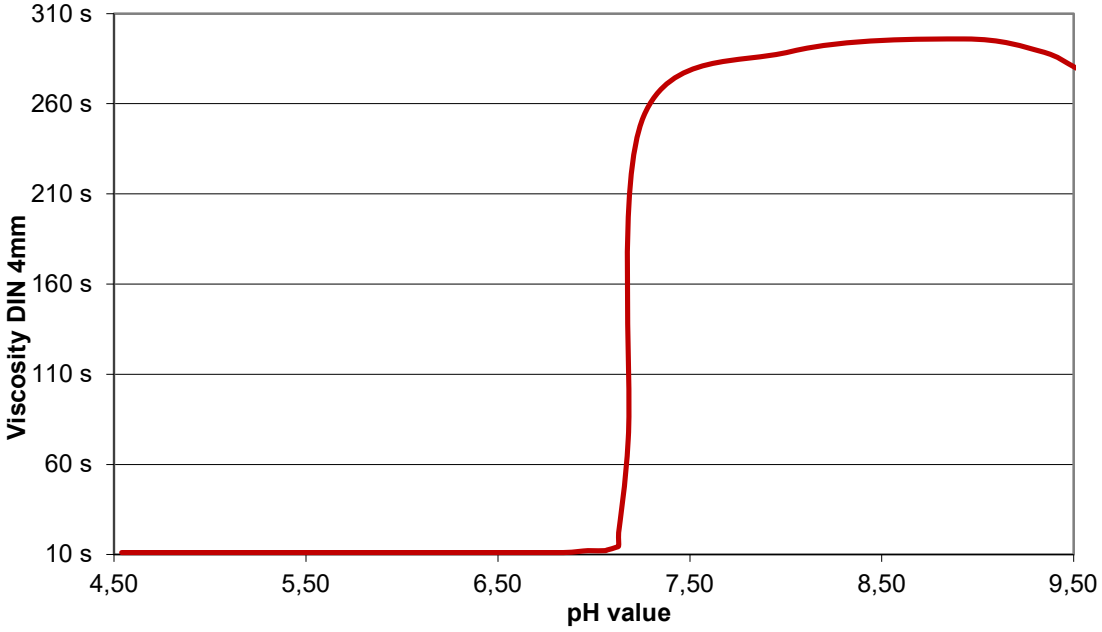
Hydrosol NH_3-neutralized (pH approx. 8.5)



Hydrosol NH_3-neutralized (approx. 20% solid)



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