

Induprint PAC 243

- ◆ Emulsion polymer based on acrylates, carboxylated

Fields of Application: **Printing Inks**

- ◆ Binder for water-based flexographic and gravure-printing inks

Characteristics:

- ◆ very good resolubility
- ◆ 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=121s ⁻¹)	:	< 100 mPa·s
pH Value * (DIN ISO 976)	:	2.0 – 4.0
MFFT (DIN 53787)	:	appr. 0°C
Glass Temperature (DSC) (DIN 51007)	:	appr. + 32°C
Acid Value * (DIN ISO 3682)	:	130 - 150 mg KOH/g solid
Protective Colloid	:	surfactants
Ionicity	:	anionic
Freeze/Thaw Stability	:	unstable
2020-03-23		
* Specification value listed in our certificate of analysis		

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Induprint PAC 243

Remarks:

Prior to use Induprint PAC 243 has to be diluted with water and neutralised whilst stirring. The hydrosol shows a flat dilution curve.

Neutralization:

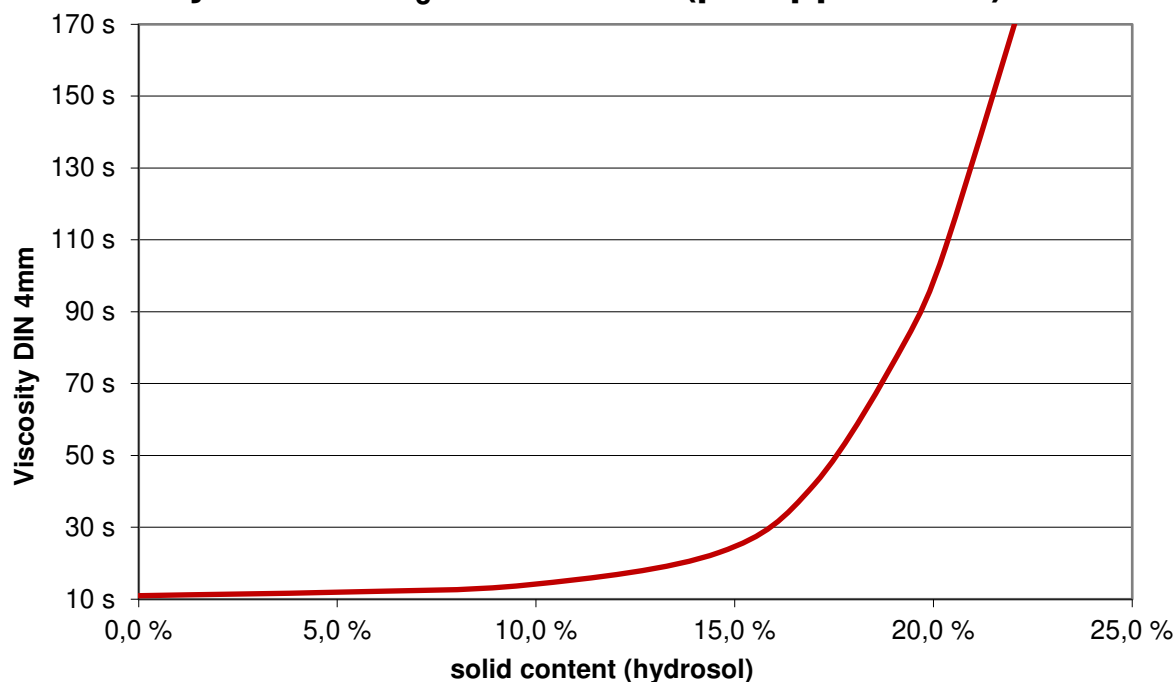
50.0 g Induprint PAC 243
50.0 g Water
appr. 3.5 g Ammonia solution 25 %

Viscosity: appr. 850 mPas (Anton Paar RheolabQC; MS: CC27; D=9.24s⁻¹)

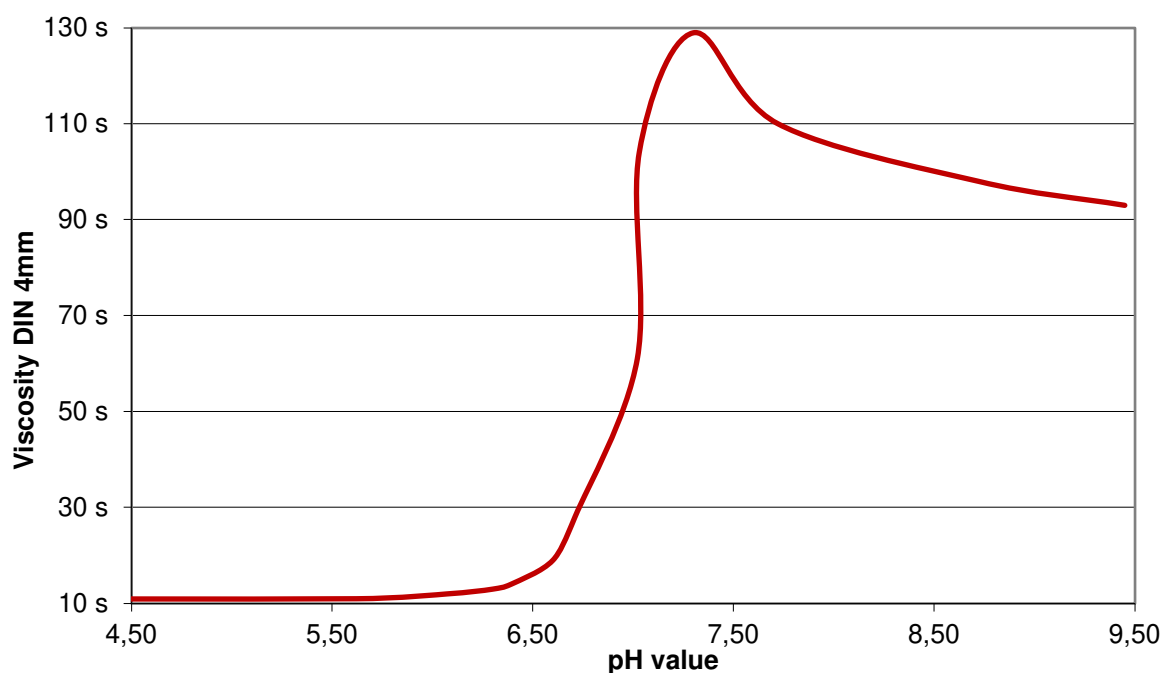
For checking of the material, we recommend a pH value of 8.5.

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Hydrosol NH₃-neutralized (pH approx. 8.5)



Hydrosol NH₃-neutralized (approx. 20% solid)



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