

Induprint PAC 249

- ◆ Emulsion polymer based on acrylates and methacrylates, carboxylated

Fields of Application: Printing Inks and Pigment Concentrates

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

Characteristics:

- ◆ high solid hydrosols
- ◆ very good transfer
- ◆ excellent flexibility
- ◆ very good pigment wetting

Appearance	:	white emulsion
Solids Contents * (DIN EN ISO 3251)	:	39 – 41 %
Viscosity at 20°C (DIN 53019-1) (Contraves-Rheometer STV; MS: A1)	:	< 150 mPa·s
pH Value * (DIN ISO 976)	:	3.5 – 4.5
MFFT (DIN 53787)	:	appr. 0°C
Acid Value * (DIN ISO 3682)	:	60 - 80 mg KOH/g solid
Protective Colloid	:	surfactants
Ionocity	:	anionic
Freeze/Thaw Stability	:	unstable
2020-03-24		
* Specification value listed in our certificate of analysis		

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Induprint PAC 249

Remarks:

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

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

Neutralization:

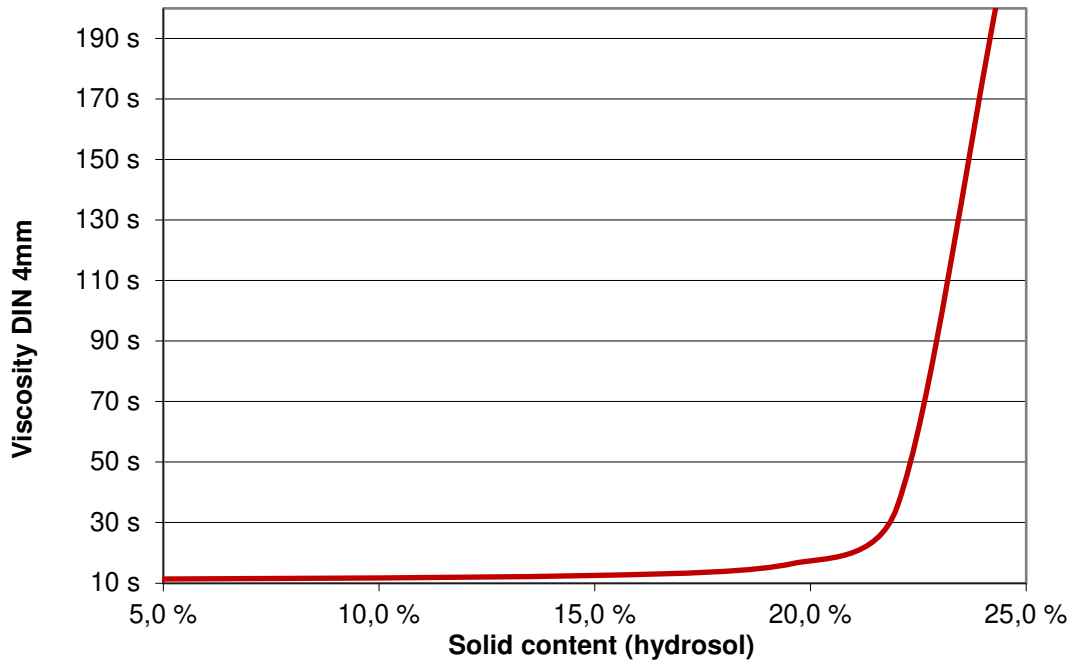
60.0 g Induprint PAC 249
40.0 g Water
appr. 2.0 g Ammonia solution 25 %

Viscosity: approx. 700 mPa·s (Contraves-Rheometer STV; MS:B2)

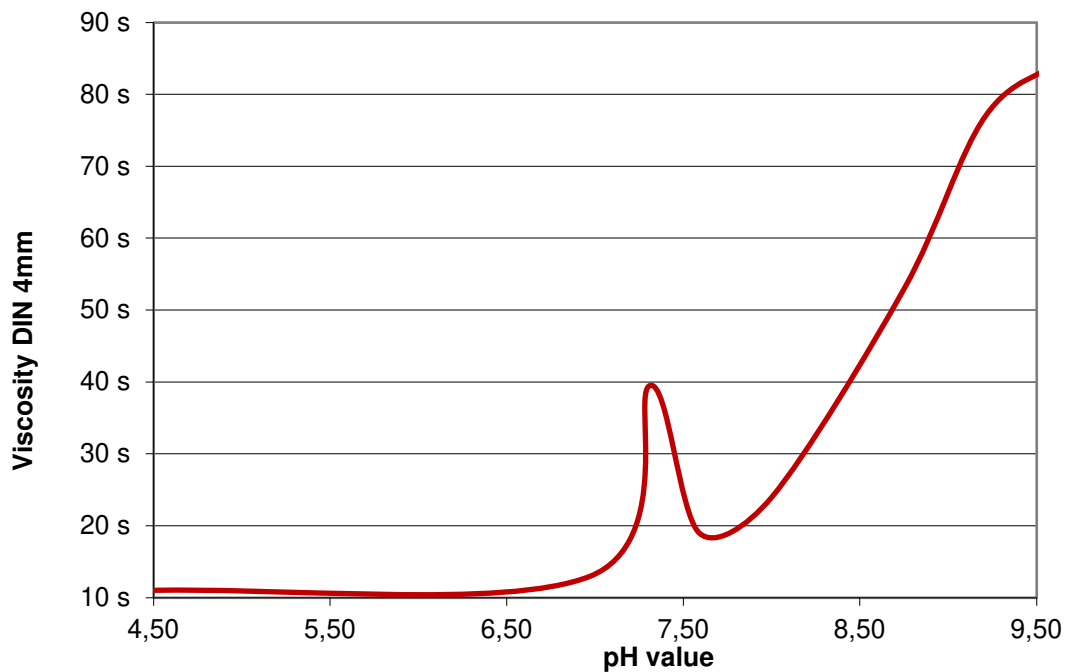
For checking of the material, we recommend a pH value of 8.5.

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Hydrosol NH₃-neutralized (pH approx. 8.5)



Hydrosol NH₃-neutralized (approx. 23% solid)



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