

# Induprint PAC 266

- ◆ Emulsion polymer based on acrylates and methacrylates, carboxylated

## Fields of Application: Printing Inks

- ◆ Let-down vehicle for water-based flexographic and gravure-printing inks (for corrugated board, card board, paper bags...) (post-print)

## Characteristics:

- ◆ excellent resolubility
- ◆ very high viscosity of the ammonia-solubilised resin solution
- ◆ very good transfer

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

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# Induprint PAC 266

## Remarks:

The hydrosol of Induprint PAC 266 shows a significant higher viscosity than Induprint PAC 504 or Induprint PAC 916.

## Neutralization:

30.0 g	<b>Induprint PAC 266</b>
70.0 g	Water
appr. 2.2 g	25 % Ammonia Solution

Viscosity:       appr. 1700 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s-1)

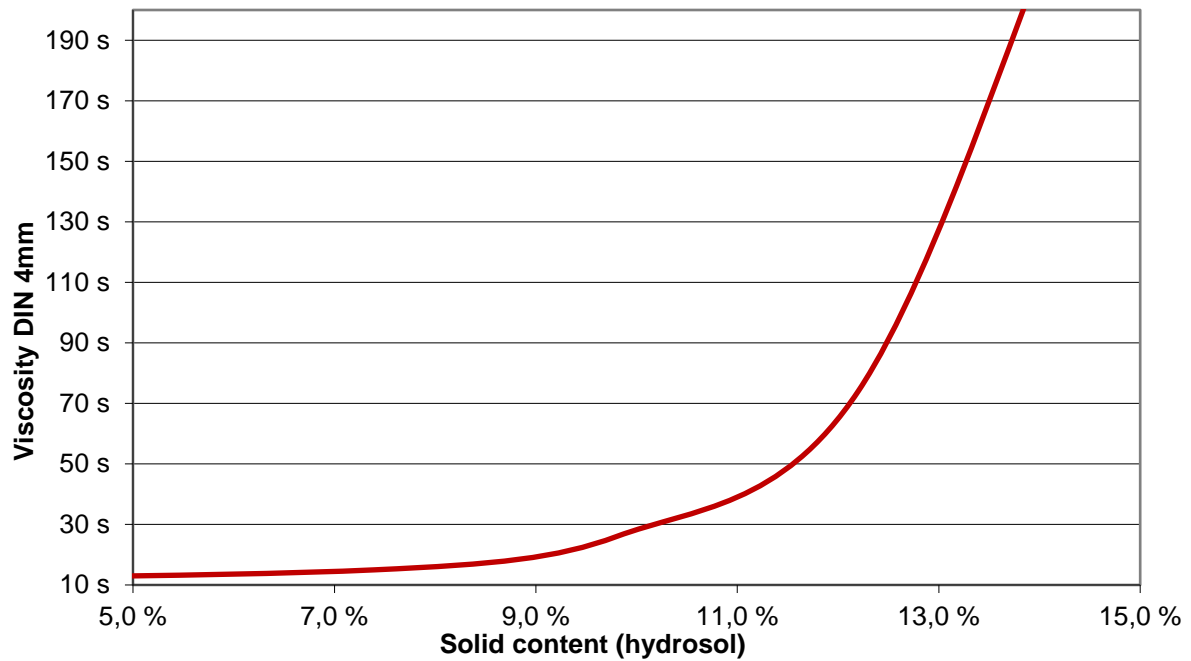
For checking of the material we recommend a pH value of 9.0.

## Starting Formulations:

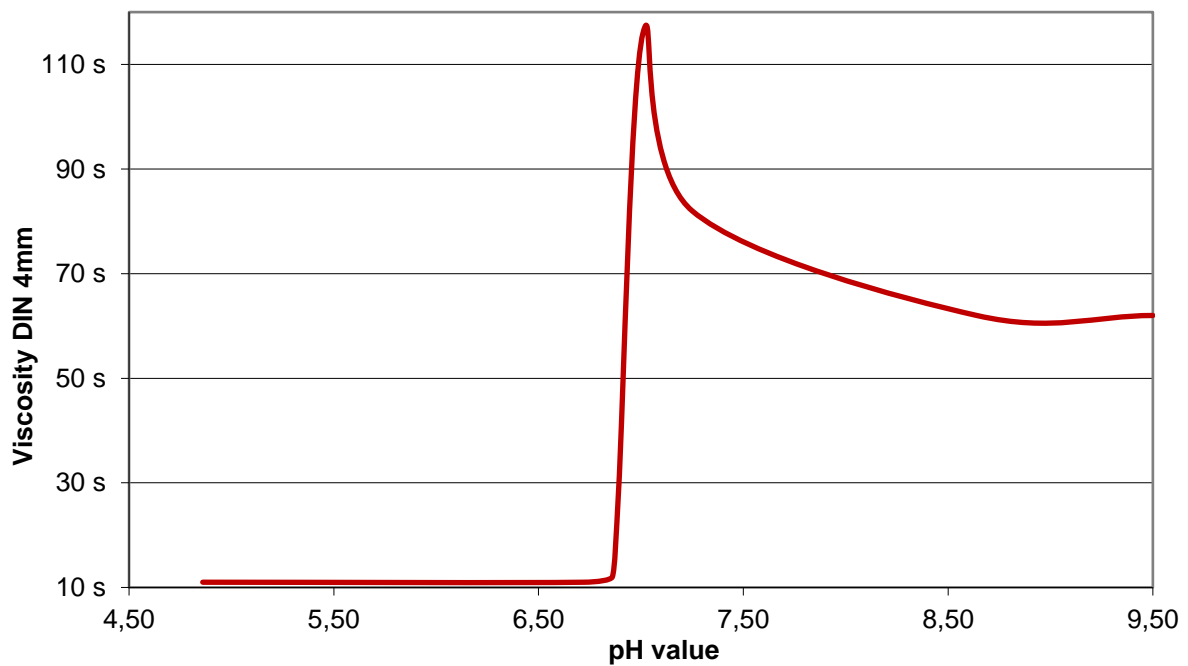
No. 113 ink for paper and corrugated board  
No. 226 white printing ink for PE  
No. 234 cost effective varnish for corrugated

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### Hydrosol NH<sub>3</sub>-neutralized (pH approx. 8.5)



### Hydrosol NH<sub>3</sub>-neutralized (approx. 12% solid)



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