

# Induprint PAC 916

- ◆ Emulsion polymer based on methacrylates, carboxylated

## Fields of Application:    **Printing Inks**

- ◆ Let-down vehicle for water-based flexographic and gravure-printing inks (for paper bags and corrugated board) (post-print)
- ◆ Binder for water-based printing inks on wood

## Characteristics:

- ◆ excellent resolubility
- ◆ very good transfer

<b>Appearance</b>	:	white emulsion	
<b>Solid contents</b> * (DIN EN ISO 3251)	:	39 – 41 %	
<b>Viscosity at 20°C</b> (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=378 s <sup>-1</sup> )	:	< 200 mPa·s	I
<b>pH Value</b> * (DIN ISO 976)	:	4.0 – 5.0	
<b>MFFT</b> (DIN ISO 2115)	:	appr. + 17°C	
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. + 45°C	
<b>Acid Value</b> * (DIN ISO 2114)	:	100 - 120 mg KOH/g solid	
<b>Ionicity</b>	:	anionic	
<b>Freeze/Thaw Stability</b>	:	unstable	
			2020-03-25
* Specification values listed in our certificate of analysis			

**please turn**

# Induprint PAC 916

## Remarks:

The hydrosol of Induprint PAC 916 shows a higher viscosity than Induprint PAC 504 and a significant lower viscosity than Induprint PAC 266 or Induprint PAC 816.

## Neutralization:

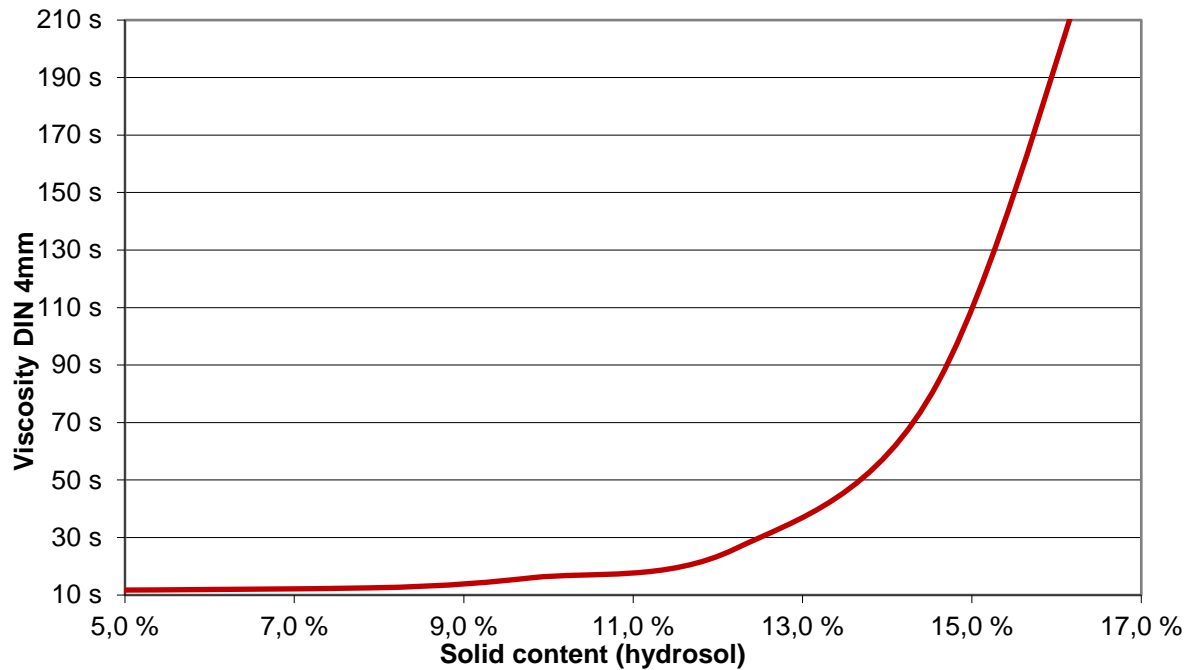
30.0 g	<b>Induprint PAC 916</b>
70.0 g	Water
<u>1.5 g</u>	Ammonia solution 25 %
101.5 g	

Viscosity: appr. 100 mPa·s (Anton Paar RheolabQC; MS: CC27; D=121 s<sup>-1</sup>)

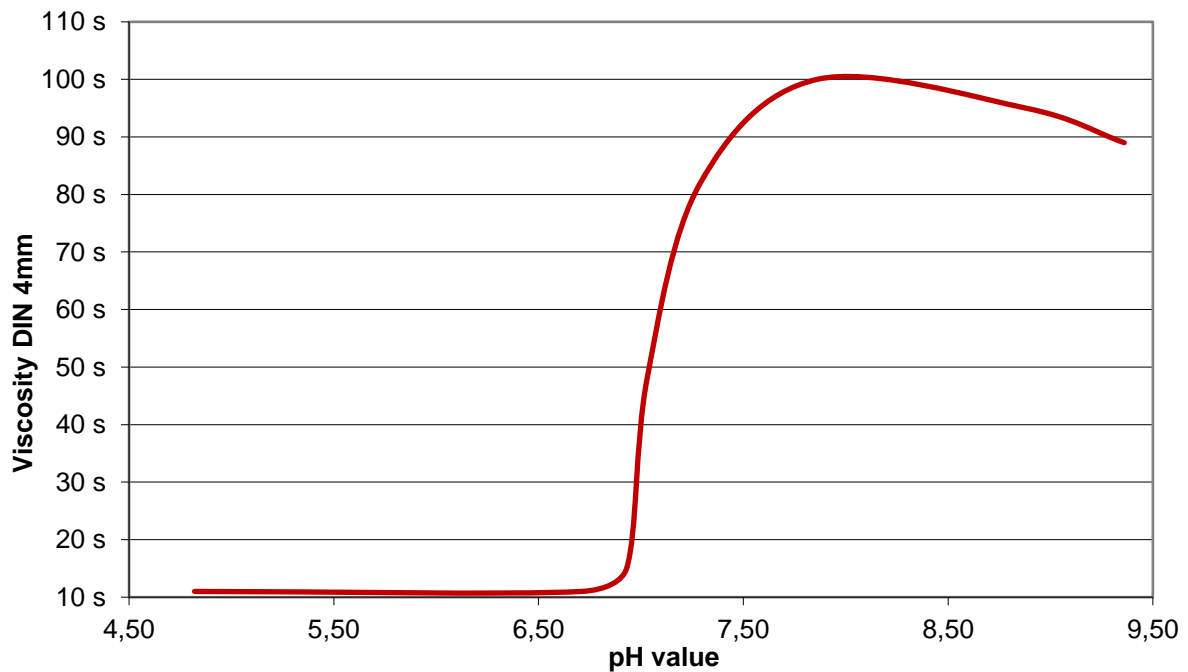
For checking of the material we recommend a pH value of 9.0.

**please turn**

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



### Hydrosol NH<sub>3</sub>-neutralized (approx. 15% solid)



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