

Induprint PAC 281

- ◆ Emulsion polymer based on methyl methacrylate, 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 and pre-print)

Characteristics:

- ◆ excellent transfer
- ◆ very good printability
- ◆ excellent colour strength development
- ◆ flat dilution curve

Appearance	:	white emulsion	
Solid contents * (DIN EN ISO 3251)	:	43 – 45 %	
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=378 s ⁻¹)	:	< 100 mPa·s	I
pH Value * (DIN ISO 976)	:	3.5 – 4.5	
MFFT (DIN ISO 2115)	:	appr. + 65°C	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 109°C	
Acid value * (DIN ISO 2114)	:	140 - 160 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	

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* Specification values listed in our certificate of analysis

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Induprint PAC 281

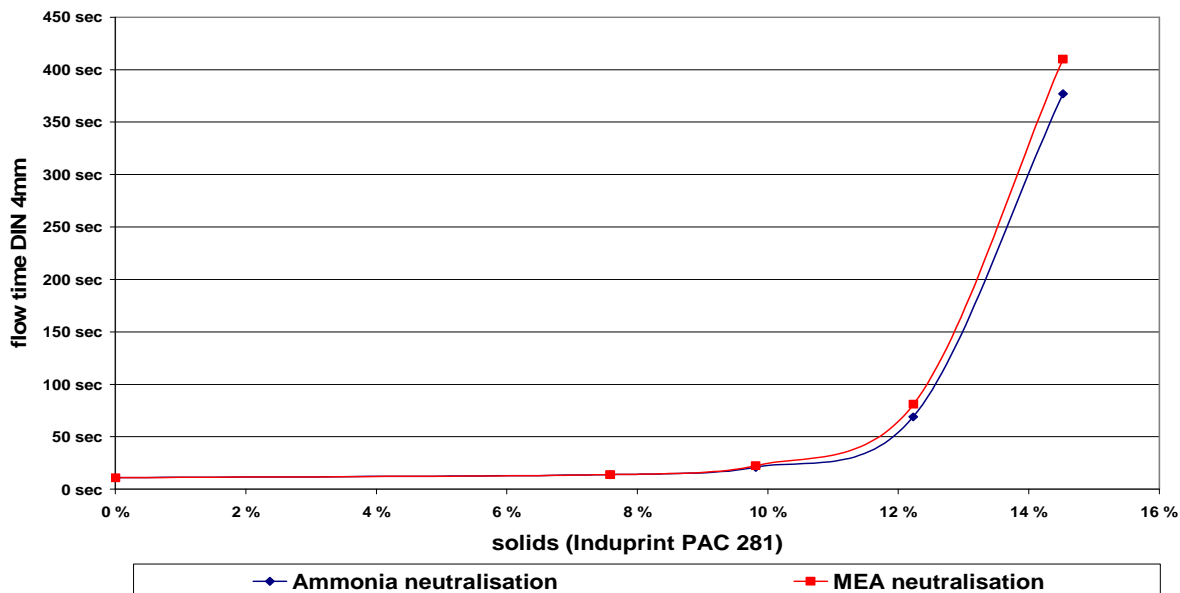
Neutralization:

67.5 g	Water
30.0 g	Induprint PAC 281
<u>2.5 g</u>	Ammonia solution 25 %
100.0 g	

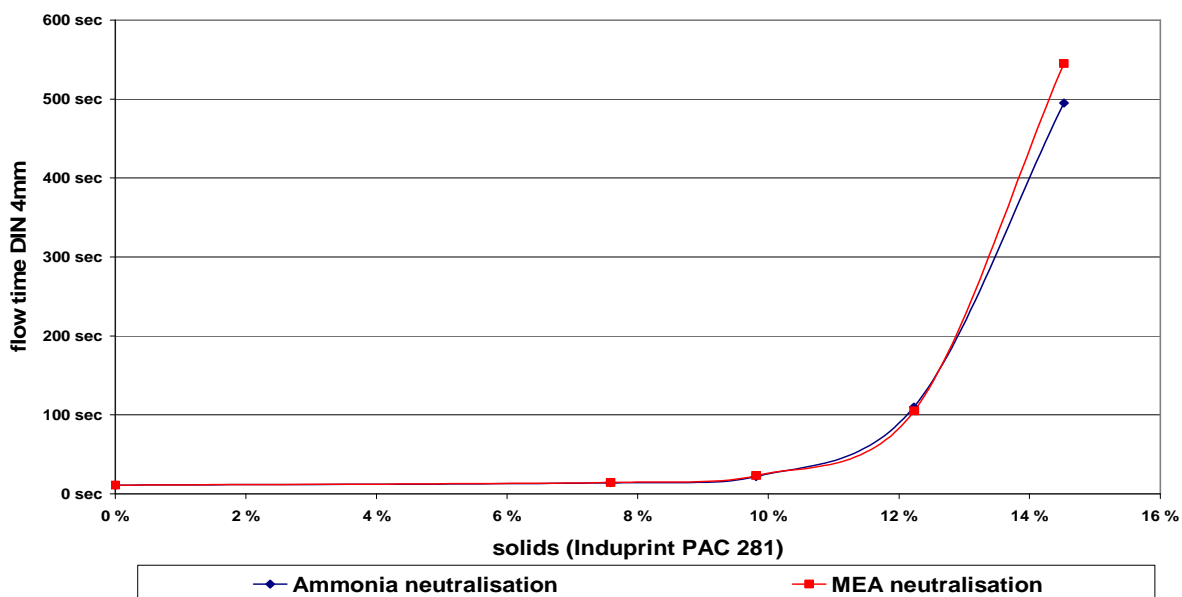
Viscosity: appr. 900 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s-1)

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flow time of a neutralised solution of Induprint PAC 281 after manufacturing (pH 8.5)



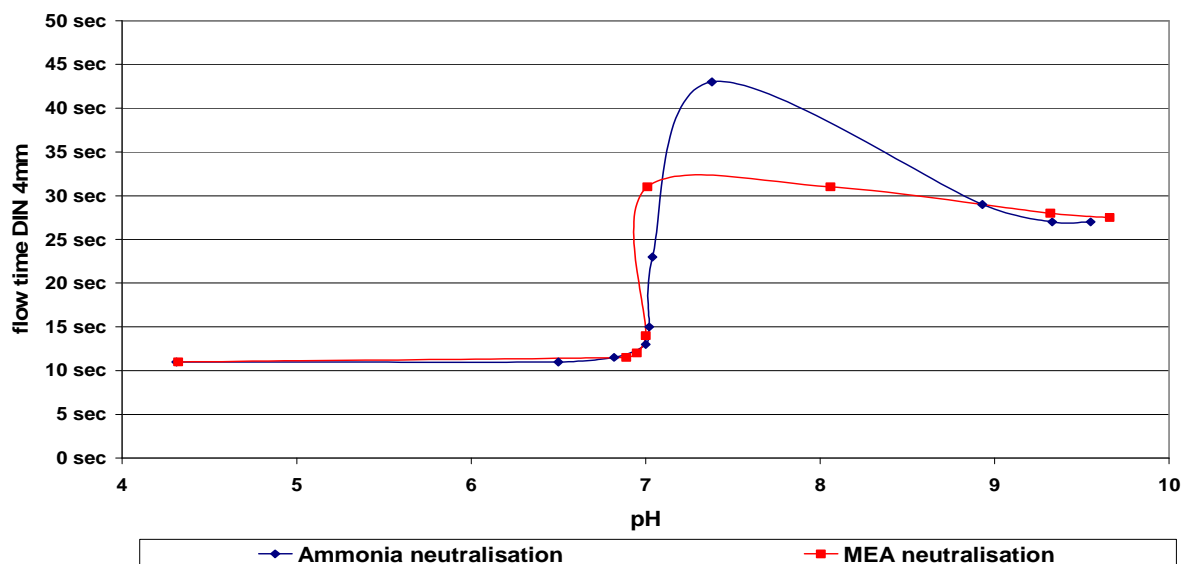
flow time of a neutralised solution of Induprint PAC 281 after 24 h



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Spezialist für Makromolekulare Chemie

flow time of a neutralised solution of Induprint PAC 281
(solids appr. 10.5%)



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