

Induprint PAC 353

- ◆ 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 solution
- ◆ very good transfer

Appearance	:	white emulsion	
Solid Contents * (DIN EN ISO 3251)	:	39 – 41 %	
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=38.7 s ⁻¹)	:	< 200 mPa·s	
pH Value * (DIN ISO 976)	:	3.0 – 4.0	I
MFFT (DIN ISO 2115)	:	appr. + 13°C	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 42°C	
Acid Value * (DIN ISO 2114)	:	110 - 125 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	
			2020-04-09
* Specification values listed in our certificate of analysis			

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Induprint PAC 353

Neutralization:

37.5 g	Induprint PAC 353
62.5 g	Water
appr. 2.2 g	25 % Ammonia Solution

Viscosity: appr. 1300 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s-1)

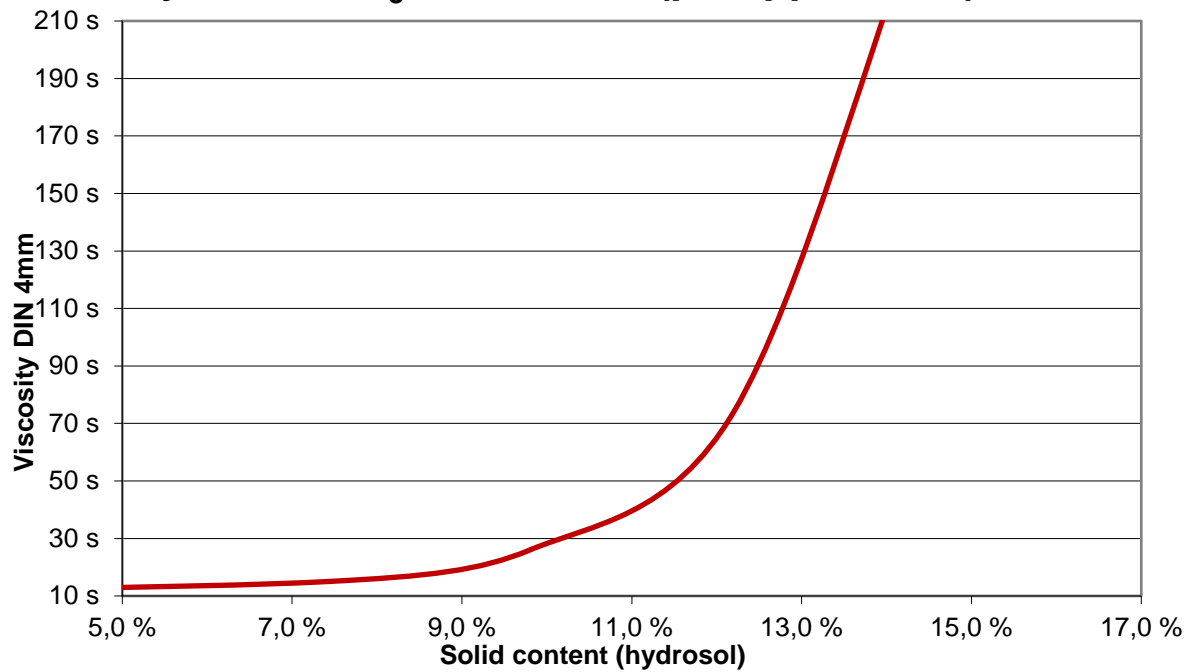
For checking of the material we recommend a pH value of 9.0.

Starting Formulation:

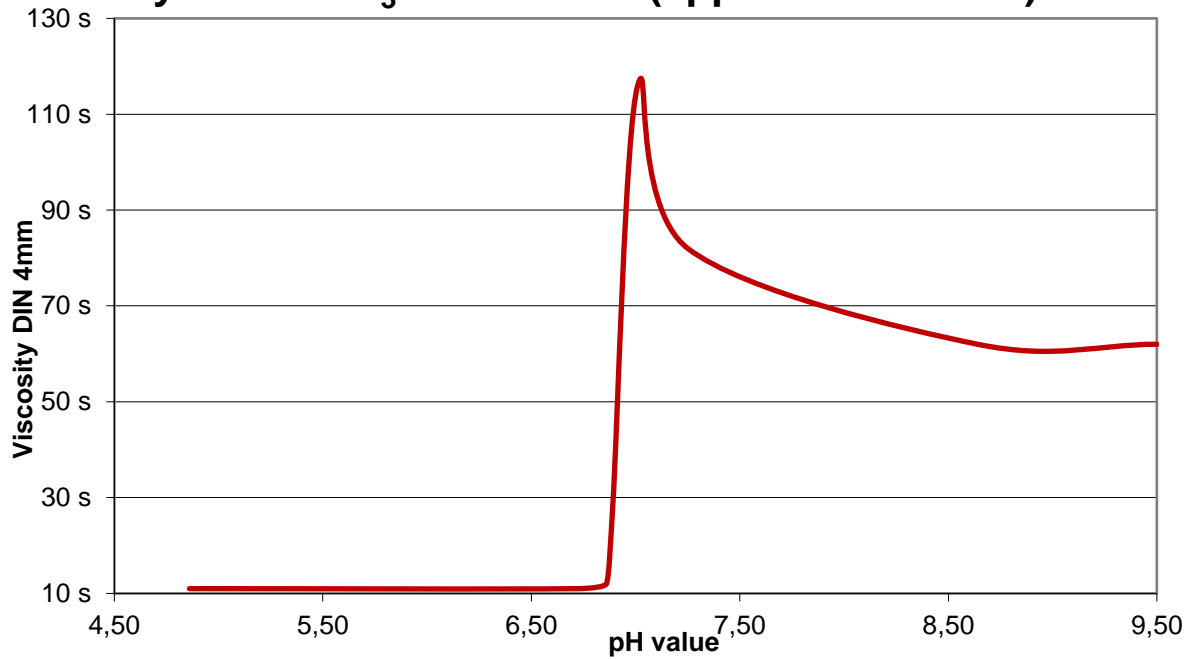
No. 264 cost effective varnish for corrugated

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Hydrosol NH₃-neutralized (pH approx. 8.5)



Hydrosol NH₃-neutralized (approx. 12% solid)



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