

# Induprint SE 199

Provisional Data Sheet

- ◆ Emulsion polymer based on styrene and acrylates

## Fields of Application:    **Printing Inks and Overprint Varnishes**

- ◆ Ammonia-free binder for water-based overprint varnishes and flexographic and gravure-printing inks
- ◆ Let-down vehicle for water-based news inks (pre-print and post-print)

## Characteristics:

- ◆ low-odour, ammonia free
- ◆ excellent transfer
- ◆ good resolubility

<b>Appearance</b>	:	white to slight brownish emulsion	
<b>Solid Contents*</b> (1 h, 130°C)	:	45.0 – 47.0 %	I
<b>Viscosity *</b> at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9s <sup>-1</sup> )	:	200 -500 mPa·s	
<b>pH Value *</b> (DIN ISO 976)	:	8.0 – 8.8	I
<b>MFFT</b> (DIN ISO 2115)	:	appr. + 93°C	
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. + 104°C	
<b>Acid Value</b>	:	appr. 68 mg KOH/g solid	
<b>Ionicity</b>	:	anionic	
<b>Freeze/Thaw Stability</b>	:	stable	
			2009-01-28 / Version 02
* Specification values listed in our certificate of analysis			

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