

Induprint SE 371

Provisional Data Sheet

- ◆ Emulsion polymer based on styrene and acrylates

Fields of Application: Printing Inks and Overprint Varnishes

- ◆ Binder for water-based overprint varnishes
- ◆ Let-down vehicle for water-based flexographic and gravure-printing inks

Characteristics:

- ◆ high heat resistance
- ◆ excellent gloss
- ◆ fast drying
- ◆ free of glycols or glycol ethers

Appearance	:	whitish emulsion	
Solid Contents * (DIN EN ISO 3251, 1h at 130°C)	:	49 - 51 %	
Viscosity * at 25°C (DIN 53019-1) (Anton Paar Rheolab QC; MS: CC27; D=9.24 s ⁻¹)	:	1800 - 2500 mPa·s	l
pH Value * (DIN ISO 976)	:	7.9 - 8.3	l
Glass Temperature (DSC) (DIN 51007)	:	appr. + 101°C	
Acid Value	:	appr. 60 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	stable	
			2010-08-10
* Specification values listed in our certificate of analysis			

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Remarks:

Induprint SE 371 is a very hard polymer. It is therefore necessary to modify the polymer by addition of coalescing agents (i.e. Dowanol DPM) or softer polymers to enable film formation and gloss improvement at normal operating temperatures.

Gloss improvement or a softer varnish may be obtained by the combination of Induprint SE 90 with Induprint SE 245 or Induprint SE 1985.

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