

Induprint SE 9035

Provisional Data Sheet

- ◆ Emulsion polymer based on styrene and acrylates

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

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

Characteristics:

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

Appearance	:	whitish emulsion	
Solid Contents * (DIN EN ISO 3251)	:	34 - 36 %	
Viscosity * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9s ⁻¹)	:	350 - 500 mPa·s (directly after the production)	I
pH Value * (DIN ISO 976)	:	7.8 – 8.3	
MFFT (DIN ISO 2115)	:	appr. + 86°C	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 100°C	
Acid Value	:	appr. 175 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	stable	
			2009-05-07
* Specification values listed in our certificate of analysis			

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Remarks:

Induprint SE 9035 is free of coalescing agents.

Induprint SE 9035 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 9035 with Induprint SE 245 or Induprint SE 1985.

Further improvement of the heat-seal resistance is possible by adding Indunal Z 15 (ZnO solution).

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