

Induprint SE 900

- ◆ Emulsion polymer based on styrene and acrylates

Fields of Application: Printing Inks, Overprint Varnishes and Coatings

- ◆ 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)	:	43 - 45 %	
Viscosity * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=121s ⁻¹)	:	260 - 330 mPa·s	I
Viscosity DIN 4 cup at 20°C	:	70 – 90 sec	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. 74 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	stable	
			2008-08-26 / Version 02
* Specification values listed in our certificate of analysis			

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Induprint SE 900

Remarks:

Apart from the mentioned properties Induprint SE 900 provides an excellent transfer, very good hold-out, fast drying and low foaming properties. The product is free of solvents and coalescing agents.

Induprint SE 900 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 900 with Induprint SE 245 or Induprint SE 1985.

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

Starting formulation:

No. 202 cheat matt OPV
No. 207 narrow web ink
No. 208 duct emulsion
No. 220 high gloss low slide work and turn coating
No. 222 printing ink
No. 234 cost effective varnish for corrugated

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