

Induprint SE 2675

- ◆ Emulsion polymer based on (meth)acrylates

Fields of Application: **Printing Inks, Overprint Varnishes, Wood Finishing and Coatings**

- ◆ Let-down vehicle for water-based flexographic and gravure-printing inks (i. e. on PVC)
- ◆ Binder for water-based lacquers (i. e. on metal, plastics or wood)
- ◆ Binder for water-based overprint varnishes

Characteristics:

- ◆ very good plasticizer and alkali resistance
- ◆ good adhesion to variety of substrates
- ◆ excellent shear stability
- ◆ good blocking resistance

Appearance	:	white emulsion
Solid Contents * (DIN EN ISO 3251)	:	46 - 48 %
Viscosity * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9 s ⁻¹)	:	250 - 500 mPa·s
pH Value * (DIN ISO 976)	:	7.5 – 8.2
MFFT (DIN ISO 2115)	:	appr. + 66°C
Glass Temperature (DSC) (DIN 51007)	:	appr. + 75°C
Acid Value	:	appr. 73 mg KOH/g solid
Ionicity	:	anionic
Freeze/Thaw Stability	:	stable
2023-10-05		
* Specification values listed in our certificate of analysis		

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Remarks:

Apart from the mentioned properties Induprint SE 2675 provides excellent flow and levelling properties, fast drying and a good pigment wetting.

Induprint SE 2675 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.

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

Starting formulation:

• No. 198 Printing ink for PVC
No. 214 screen printing ink for PVC

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