Induprint SE 2194

- Emulsion polymer based on styrene and acrylates

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

- Vehicle for mat overprint varnishes (water-based)
- Vehicle for increasing the hiding power in water-based flexographic and gravure-printing inks

Performance and Characteristics:

- excellent matting effect
- no increasing of gloss at high drying temperatures
- good abrasion resistance
- free of silica
- free of glycols and glycol ethers

Appearance	:	whitish emulsion	
Solid Contents* (DIN EN ISO 3251)	:	43 – 45 %	
Viscosity * at 20℃ (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9 s^{-1})	:	200 - 600 mPa s	I
pH Value * (DIN ISO 976)	:	8.0 – 9.0	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 99℃	
Acid Value	:	appr. 76 mg KOH/g solid	
Ionicity	:	anionic	

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* Specification values listed in our certificate of analysis

please turn

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Remarks:

Induprint SE 2194 has to be stirred before use!
In case of a separation the product could be homogenized by stirring.

Starting formulation:

94.0 g	Induprint SE 2194	first
2.0 g	Wax dispersion [1]	premix and add under stirring
0.5 g	Defoamer [2]	
3.5 g	Water	

100.0		

Solid content : appr. 42 %

Flow time (DIN 4 cup) : appr. 40´´

pH-value : appr. 8.5

Gloss (60°, on gloss-card) : appr. 4 % (coated wit h a K-Lox)
(after drying with hair-drier)

For example

1 Ultralube D-837 *Keim Additec Surface*
2 Tego Foamex 822 *Tego Chemie Service*

Spezialist für Makromolekulare Chemie
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