INDULOR
The Polymer Family

Induprint SE 284

- Zinc cross-linked soft emulsion polymer based on styrene and acrylates

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

- Binder for glossy and heat seal resistant water-based overprint varnishes (i. e. used on cardboard for pre-print application)
- Let-down vehicle for water-based flexographic and gravure-printing inks (i. e. used on labels) (**pre-print** and post-print)

Characteristics:

- Very good heat seal resistance
- high gloss
- excellent flexibility
- free of glycols or glycol ethers

Appearance	:	white to pale brownish emulsion
Solid Contents* (over, 1h, 130°C)	:	42 - 44 %
Viscosity * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9s^{-1})	:	600 - 1300 mPa·s
pH Value * (DIN ISO 976)	:	9.2 – 9.6
Glass Temperature (DSC) (DIN 51007)	:	appr. - 13°C
Acid Value	:	appr. 80 mg KOH/g solid
MFFT (DIN ISO 2115)	:	appr. 0°C
Ionicity	:	anionic
Freeze/Thaw Stability	:	stable

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* Specification values listed in our certificate of analysis

please turn

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Induprint SE 284

Provisional Data Sheet

Remarks:

Induprint SE 284 is crosslinked with a zinc salt. Blending with other binders or additives must be done very carefully to avoid precipitation of the zinc salt (i. e. if the pH value of the system is decreasing).

Starting formulation:

No. 256 matt high COF OPV
No. 257 glossy grease resistant high COF OPV

This data sheet is for your advice and information. Indulor disclaims any liability incurred with the use of these data or suggestions.

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