Indurez SR 10

- Glycol-free styrene-acrylic solid resin

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

- Vehicle for water-based overprint varnishes and flexographic and gravure-printing inks

Performance and Characteristics:

- Gloss improvement
- Increase of transfer and resolubility
- Improvement of block and heat resistance
- free of glycols and glycol ethers

Appearance	:	transparent pastilles
Solid Contents (DIN EN ISO 3251)	:	minimum 99 %
Acid Value * (DIN ISO 2114)	:	215 – 230 mg KOH/g
Average Molecular Weight * (Mw)	:	6,000 – 8,000 g/mol
VOC * (volatile organic compounds) by GC	:	< 1 %
Glass Temperature (DSC) (DIN 51007)	:	appr. + 105°C

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* Specification values listed in our certificate of analysis

please turn

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Starting formulation:

for a 30 % solution:

615.9	g	Water
0.1	g	Drewplus TS – 4387
300.0	g	Indurez SR 10
84.0	g	Ammonia solution 25 %

1000.0	g	

Viscosity: appr. 300 mPa·s (Anton Paar RheolabQC; MS: CC27)

Add the Indurez SR 10 to water at room temperature.
Stir to ensure complete wetting of the solid resin.
Add the ammonia solution.
While stirring heat up to minimum 80°C.
Stir until the solid resin has completely dissolved.
pH value should be at least 8.2.

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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