Indurez SR 10 PGLV

- 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)	:	8,000 – 10,000 g/mol	I
VOC * (volatile organic compounds) by GC (07_QP_062)	:	< 1 %	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 115°C	I

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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 PGLV**
84.0 g	Ammonia solution 25 %

1000.0g	

Viscosity: appr. 500 mPa·s (Anton Paar RheolabQC; MS: CC27)

Add the **Indurez SR 10 PGLV** 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.

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