

# Indurez SR 100

Provisional Data Sheet

- ◆ 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

<b>Appearance</b>	:	transparent pastilles	
<b>Solid Contents</b> (DIN EN ISO 3251)	:	minimum 99.5 %	
<b>Acid Value *</b> (DIN ISO 2114)	:	240 – 260 mg KOH/g	
<b>Average Molecular Weight *</b> (Mw)	:	8,000 – 9,000 g/mol	
<b>VOC *</b> (volatile organic compounds) by GC (7/QP/62)	:	< 0.5 %	
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. +128°C	

2010-04-28

\* Specification values listed in our certificate of analysis

**please turn**

# Indurez SR 100

## Starting formulation:

### for a 30 % solution:

606.9 g	Water
0.1 g	Drewplus TS-4387
300.0 g	<b>Indurez SR 100</b>
93.0 g	Ammonia solution 25 %
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1000.0 g	

Add the **Indurez SR 100** 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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