

Indurez SR 30

- ◆ low molecular weight styrene-acrylic solid resin

Fields of Application:

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

Characteristics:

- ◆ Improvement of transfer
- ◆ Increase of gloss
- ◆ Improvement of resolubility
- ◆ Free of glycols and glycol ethers

Appearance	:	transparent pastilles	
Solid Contents (DIN EN ISO 3251)	:	minimum 98 %	
Viscosity at 25°C (DIN 6 cup) of a 40 % aqueous ammonia-solubilised solution	:	75 – 150"	
Acid Value * (DIN ISO 2114)	:	240 - 260 mg KOH/g	
Average Molecular Weight * (Mw) (7/QP/71)	:	2,500 – 3,500 g/mol	
VOC * (volatile organic compounds) by GC (7/QP/62)	:	< 1 %	
Glass Temperature (DSC) (DIN 51007)	:	appr. +72°C	
			2004-09-20 / Version 02
* Specification values listed in our certificate of analysis			

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Indurez SR 30

Starting formulation:

for a 40 % solution:

471.9 g	Water
0.1 g	Drewplus TS-4387
400.0 g	Indurez SR 30
128.0 g	Ammonia solution 25 %

1000.0 g

Add the Indurez SR 30 to water at room temperature.

Stir to ensure complete wetting of the solid resin.

Add the ammonia solution.

While stirring heat up to approximately 80°C.

Stir until the solid resin has completely dissolved.

pH value should be at least 8.2.

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