

Indurez SR 200

- ◆ Glycol-free styrene-acrylic solid resin

Fields of Application: Printing Inks and Overprint Varnishes

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

Performance and Characteristics:

- ◆ high pigment binder / ratio
- ◆ excellent storage stability
- ◆ 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)	:	210 – 225 mg KOH/g
Average Molecular Weight (Mw)	:	15,000 – 17,000 g/mol
VOC * (volatile organic compounds) by GC (007_QP_062)	:	< 1 %
Glass Temperature (DSC) (DIN 51007)	:	appr. + 130°C
2018-09-11		
* Specification values listed in our certificate of analysis		

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Indurez SR 200

Starting formulation:

for a 27 % solution:

654.9 g	Water
0.1 g	Drewplus TS-4387
270.0 g	Indurez SR 200
75.0 g	Ammonia solution 25 %

1000.0 g	

Viscosity: appr. 800 mPa·s

Add the Indurez SR 200 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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