INDULOR
The Polymer Family

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)	:	2,500 – 3,500 g/mol
VOC * (volatile organic compounds) by GC	:	< 1 %
Glass Temperature (DSC) (DIN 51007)	:	appr. + 82°C

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* Specification values listed in our certificate of analysis

please turn

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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.

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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