

Indunal T 171

- ◆ Emulsion polymer based on acrylates and methacrylates, carboxylated

Fields of Application: **Printing Inks and overprint varnishes**

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

Characteristics:

- ◆ alkali-soluble
- ◆ flat dilution curve
- ◆ excellent transfer

Appearance	:	white emulsion	
Solid Contents * (DIN EN ISO 3251)	:	49 – 51 %	
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=38. 7 s ⁻¹)	:	< 200 mPa·s	I
pH Value * (DIN ISO 976)	:	3.0 – 4.0	
MFFT (DIN ISO 2115)	:	appr. + 13°C	
Glass Temperature (DSC) (DIN 51007)	:	appr. + 40°C	
Acid Value * (DIN ISO 2114)	:	110 - 125 mg KOH/g solid	
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	
			2005-06-27 / Version 03
* Specification values listed in our certificate of analysis			

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Remarks:

Indunal T 171 can be used not only as a thickener but also as a binder.

We recommend the use of Indunal T 171 for increasing of the viscosity of overprint varnishes (i.e. in combination with Induprint SE 90).

Neutralization:

30.0 g	Indunal T 171
70.0 g	Water
appr. 2.2 g	25 % Ammonia Solution

Viscosity: appr. 1400 mPa·s (Anton Paar RheolabQC; MS: CC27; D=9.24 s-1)

For checking of the material we recommend a pH value of 9.0.

Starting formulation:

No. 192	cost effective primer
No. 213	glossy OPV
No. 221	soft touch OPV

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