

Indunal T 172

- ◆ 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
pH Value * (DIN ISO 976)	:	3.5 – 4.5
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

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* Specification values listed in our certificate of analysis

please turn

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Remarks:

Indunal T 172 can be used not only as a thickener but also as a binder.

We recommend the use of Indunal T 172 for increasing of the viscosity of overprint varnishes (i.e. in combination with Induprint SE 90).

Neutralization:

30.0 g	Indunal T 172
70.0 g	Water
appr. 2.2 g	25 % Ammonia Solution

Viscosity: appr. 1300 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.

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