

Indunal T 256

Provisional Data Sheet

- ◆ Emulsion polymer based on acrylates, carboxylated

Fields of Application: **Printing Inks, Architectural Coatings, Wood Finishing, Adhesives, Paper Finishing, Textile Finishing**

- ◆ Acrylic thickener for printing inks, emulsion paints and plasters, wood lacquers and stains, adhesives, paper coatings and textile coatings...

Performance and Characteristics:

- ◆ rheology additive
- ◆ stabilisation of pigments and fillers

Appearance	:	white emulsion	
Solid Contents * (DIN EN ISO 3251)	:	24 – 26 %	
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=121 s ⁻¹)	:	< 100 mPa·s	I
pH Value * (DIN ISO 976)	:	2.5 – 4.0	
Acid Value * (DIN ISO 2114)	:	280 – 290 mg KOH/g solid	
Viscosity of the hydrosol (20°C) (Anton Paar RheolabQC; MS: CC27; D=28.9 s ⁻¹) 24 h after the neutralization pH 7.5 – 10.5	:	appr. 400 mPa·s at 1.5 % solids	I
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	

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* Specification value listed in our certificate of analysis

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Indunal T 256

Remarks:

Indunal T 256 has to be diluted 1:3 with water before neutralization with sodium hydroxide solution, ammonia solution or amines. Before addition of this thickener solution, emulsion polymers should have a minimum pH value of 8.0.

We also recommend thickening "in situ" prior to neutralization. In this case Indunal T 256 is diluted 1:3 with water and then added under stirring to the material to be thickened. The pH of the mixture is then adjusted to 7 – 9.

The compatibility of Indunal T 256 with the grinding or let-down vehicles has to be tested before using in printing inks.

Neutralization:

188 g	Water
12 g	Indunal T 256
1.2 g	Ammonia Solution 25 %
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