

# 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

<b>Appearance</b>	:	white emulsion	
<b>Solid Contents</b> * (DIN EN ISO 3251)	:	24 – 26 %	
<b>Viscosity at 20°C</b> (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=121 s <sup>-1</sup> )	:	< 100 mPa·s	I
<b>pH Value</b> * (DIN ISO 976)	:	2.5 – 4.0	
<b>Acid Value</b> * (DIN ISO 2114)	:	280 – 290 mg KOH/g solid	
<b>Viscosity of the hydrosol</b> (20°C) (Anton Paar RheolabQC; MS: CC27; D=28.9 s <sup>-1</sup> ) 24 h after the neutralization pH 7.5 – 10.5	:	appr. 400 mPa·s at 1.5 % solids	I
<b>Ionicity</b>	:	anionic	
<b>Freeze/Thaw Stability</b>	:	unstable	
			2007-05-15 / Version 03
* Specification value listed in our certificate of analysis			

**please turn**

# 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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201.2 g

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