Indunal T 122

- Emulsion polymer based on acrylates, carboxylated; APEO-free

Fields of Application: **Architectural Coatings, Printing Inks and Overprint Varnishes, Wood Finishing, Adhesives, Paper Finishing**

- Acrylic thickener for emulsion paints and plasters, water-based printings inks and overprint varnishes, wood lacquers, base coatings on fiberboard, adhesives, paper coatings and other water-based systems

Performance:

- regulation of viscosity and rheology
- combination with Induprint PAC 504 for the production of low-cost printing inks

Appearance	:	white emulsion	
Solid Contents* (DIN EN ISO 3251)	:	25 – 27 %	I
Viscosity at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=121 s^{-1})	:	< 100 mPa·s	
pH Value* (DIN ISO 976)	:	3.5 – 4.5	
Acid Value* (DIN ISO 2114)	:	185 – 195 mg KOH/g solids	
Viscosity of the hydrosol (20°C) (Anton Paar RheolabQC; MS: CC27; D=18.23 s^{-1}) 30 minutes after the neutralization	:	appr. 2,500 mPa·s at 1.35 % solids	I
Ionicity	:	anionic	
Freeze/Thaw Stability	:	unstable	

2011-07-28

* Specification value listed in our certificate of analysis

please turn

Indulor Chemie GmbH • Schulstraße 3 • D-49577 Ankum
Tel: +49 5462 7412-0 • Fax: +49 5462 7412-74

Indulor AG • Industriestraße 49 • CH-6300 Zug
Tel: +41 41 76899-88 • Fax: +41 41 76899-89

info@indulor.com • www.indulor.com

Indunal T 112

Remarks:

Indunal T 112 has to be diluted with water to a solids content of appr. 5 – 10 % 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 112 is diluted 1:3 with water before adding under stirring to the system to be thickened. The pH of the mixture is then adjusted to pH 8 – 9.

It is possible to produce mixtures of Indunal T 112 and Induprint PAC 504 in nearly every ratio. These systems allow the regulation of viscosity and rheology and lead to low-cost water-based printing inks for corrugated board and paper bags.

Indulor Chemie GmbH • Schulstraße 3 • D-49577 Ankum
Tel: +49 5462 7412-0 • Fax: +49 5462 7412-74

Indulor AG • Industriestraße 49 • CH-6300 Zug
Tel: +41 41 76899-88 • Fax: +41 41 76899-89

info@indulor.com • www.indulor.com