

# PRINTPLEX<sup>®</sup> MK 3025

## TECHNICAL INFORMATION

**Chemical description:** Ethylenediaminetetraacetate

**Applications:** **Printing inks, Heatset**

**Properties:**

- complexing agent for multi valent metal-ions
- delay of drying process

**Advantages:**

- direct stir in without grinding
- can be added in amounts of 0,5 – 1% depending on printing ink

**Technical data:**

Colour:	white		
Form:	micro fine powder		
	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Particle size*:		99% < 18 µm	LV 5 (ISO 13320-1)
Solubility in water:		100 g/l 135 g/l 230 g/l	at 20°C at 40°C at 80°C
Assay (Compleximetric):		91 %	(EDTA-Na <sub>2</sub> H <sub>2</sub> x2H <sub>2</sub> O)
pH (1% dilution):		ca. 4,5	

*\* part of certificate of analysis*

**Admissions:** Directive 2002/72/EC from 2002-08-06  
BfR-recommendations (German) XXXVI.  
Food and Drug Administration (FDA) §§ 175.105, 176.150, 176.170, 176.180,  
177.1200, 177.1400, 177.2600,  
177.2800, 178.1010, 177.3570,  
177.3910, 573.360

(Admission by considering the limitations)

**Safety:** The product is no dangerous preparation, according to Directive 1999/45/EC, Article 2 (2) – see Material Safety Data Sheet.

This datasheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties.