

ADHESION PROMOTER

Technical Data Sheet

Tytan AP100

Chemical Description

Product Description	Titanium phosphate complex
CAS Number	109037-78-7
EC Number	401-100-0

Specifications

Colour	Pale yellow
Ti Content, %	8.5 ~ 8.6
(as TiO ₂ Content, %)	(14.2 ~ 14.3)
Specific Gravity, d ₄ ²⁵	1.00 +/- 0.01

Physical Properties

Form	Liquid
Viscosity, mPa.s at 25 °C	20
Flash Point, °C	>12
Initial Boiling Point, °C	80
Pour Point, °C	<- 50

Applications

Tytan AP100 is a Titanium Phosphate Complex of which the alkoxy groups can react with resins to promote adhesion and/or cross-linking while the chelating agents stabilize the molecule. **Tytan AP100** is mainly designed to strongly increase adhesion of solvent based inks to a variety of plastics used for food packaging or other purposes. **Tytan AP100** is transparent and therefore most suitable for modification of ink for very clear-colour and high-gloss printing. **Tytan AP100** is low odour and applies to the most stringent contemporary legislation on registration of the ECB. **Tytan AP100** can only be used in solvent based inks.