

DESCRIPTION

TEGO® Variplus 1201 TF strongly improves mechanical properties of solventborne inks and coatings. It enhances gloss, blocking resistance, and adhesion on many substrates.

KEY BENEFITS

- very good adhesion on plastics
- improves gloss, hardness, blocking resistance
- high light and heat resistance

EFFECT

Hardness



Gloss



Viscosity reduction / increase of solids content



Pigment wetting and stabilization



Adhesion improvement (e.g. metal, plastics)



SUITABILITY

waterborne



solventborne



radiation-curing



pigmented coatings



clear coatings



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Printing Inks
- Pigment concentrates
- Plastic coatings
- Wood coatings

TECHNICAL DATA

active matter content	approx. 49 %
appearance	clear liquid
chemical description	polyurethane polyol resin
glass transition temperature	Approx. 130 °C
hydroxy value (calculated on non-volatile content)	Approx. 200 mg KOH/g
solvent	ethyl acetate

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied on total formula weight: 5 - 20 %

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied.
- Addition to the grind or during the let-down is possible.

HANDLING & STORAGE

When stored in an original unopened packaging the product has a shelf life of 48 months from the date of manufacture. The product should be stored out of direct sunlight.

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