Film enhancer

TEGO® VariPlus 1201 TF

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

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

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: 2 - 10 %

PROCESSING INSTRUCTIONS

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

HANDLING & STORAGE

When stored in an original unopened packaging between -10 and +30 °C, the product has a shelf life of at least 36 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

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