

Weatherable coating resin ZEFFLE GK-500

TECHNICAL
DATASHEET

A solvent based paint resin with excellent weather, chemical, and stain resistance. GK-500 has the most fluorine content in the series, used as clear paint and as cutback for GK-510.

Outline

- ZEFFLE GK-500 is a copolymer of tetrafluoroethylene and vinyl monomer. It does not include chlorine which may cause yellowing.
- Excellent **weather resistance, corrosion protection, chemical resistance, and dirt removability.**
- Gloss and color can be controlled easily.
- Variety of substrate can be chosen because of lower curing temperature. Even ambient temperature can be taken by selecting curing agent.
- Isocyanate and melamine can be used as curing agent.
- Can be formulated to be painted by spray, brush, roller, etc.

Property

Item	Unit	Figure	Testing method
Appearance	-	Light yellow clear liquid	Visual
Solid content	mass%	60	Dried by 150°C for 1 hour
Viscosity	mPa · s	3700	B type rotational viscometer (25°C)
Solvent composition	mass%	T-Butyl acetate ≥97	Gas chromatographic metho
Hydroxyl value	mgKOH/g	60	Theoretical calculation
Acid value	mgKOH/g	1	Potentiometric titration method

*Above are representative figures but not guaranteed.

Handling / Safety information

- Please read Safety Data Sheet and the precautionary statement on the package before using.
- This product is for general industry but is not guaranteed for suitability and safety as raw materials of medical applications.

Package size

- 1kg, 16kg, 200kg



| Positively Innovative

For more information, visit our website.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

tds-gk-500-E_ver02_Oct_2018
Copyright (C) DAIKIN INDUSTRIES, LTD., 2018