

## 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%	n-Butyl acetate ≥97	Gas chromatographic method
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

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

### Package size

- 1kg, 16kg, 200kg

For more information, visit our website.

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