

Weatherable coating resin

ZEFFLE GK-510

 TECHNICAL
DATASHEET

A solvent based paint resin with excellent weather, chemical, and stain resistance. GK-510 can be used both as clear paint and colored paint by inorganic pigment.

Outline

- ZEFFLE GK-510 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**.
- Good **dispersibility** with inorganic pigment and good gloss.
- Variety of substrate can be chosen because of relatively 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%	50	Dried by 150°C for 1 hour
Viscosity	mPa · s	780	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	9 – 10	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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