

Weatherable fluoro resin for paint ZEFFLE GK-581

 TECHNICAL
DATASHEET

ZEFFLE GK is a solvent based paint resin. It has excellent weather, chemical, and stain resistance. GK 581 is a paint resin with mild solvent that makes paints suitable for field application.

Outline

- ZEFFLE GK-581 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.
- Compatible with acrylic resin.
- It can be formulated to be painted by spray, brush, roller, etc.
- **Higher solid content** enabled paint formulation for thicker film.
- Mineral spirits are considered to contribute lowering photochemical oxidant and the risk of harmful chemical substance even with the same amount of VOC.

Property

Item	Unit	Figure	Testing method
Appearance	-	Light yellow clear liquid	Visual
Solid content	mass%	65	Dried by 170°C for 2 hours
Viscosity	mPa · s	4000	B type rotational viscometer (25°C)
Solvent composition	mass%	Mineral spirits ≥97	Gas chromatographic metho
Hydroxyl value	mgKOH/g	42	Theoretical calculation
Acid value	mgKOH/g	0	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, 18Kg, 180Kg

For more information, visit our website.

DAIKIN INDUSTRIES, LTD.

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