

Weatherable coating resin

ZEFFLE GK-580

 TECHNICAL
DATASHEET

A solvent based paint resin with excellent weather, chemical, and stain resistance. GK-580 is a paint resin with mild solvent that makes paints suitable for field application.

Outline

- ZEFFLE GK-580 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.
- Can be formulated to be painted by spray, brush, roller, etc.
- 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%	50	Dried by 170°C for 2 hour
Viscosity	mPa · s	350	B type rotational viscometer (25°C)
Solvent composition	mass%	Mineral spirits ≥97	Gas chromatographic method
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.

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