

Weatherable fluoro resin for paint

ZEFFLE SE-3183B

 TECHNICAL
DATASHEET

ZEFFLE SE is a weatherable fluoro resin for paint. The resin is based on environmentally friendly emulsion. SE-3183B has the most fluorine content in all ZEFFLE series with micro elasticity.

Introduction

- ZEFFLE SE-3183B is an emulsion resin consisting of VdF-copolymer and acrylic polymer.
- Excellent **weather resistance, solvent resistance** (Alcohol).
- As the film has elasticity, formulated paint can be fit with **micro elastic substrate**.
- No solvent odor and no worry of inflammability.
- By choosing coalescent, it can be film formed with low temperature, which brings wide variation of paint from field application to industrial use.

Property

Item	Unit	Figure	Testing method
Appearance	-	Milky white	Visual
Solid content	mass%	51	Dried by 170°C for 30minutes
pH	-	7 - 8	pH meter (25°C)
Minimum film forming temperature	°C	35	Temperature Gradient MFT measuring device
Glass transition point	°C	33	Differential Scanning Calorimeter (DSC)
Ionic	-	Anion / Nonion	-
Average particle diameter	nm	150 - 180	Dynamic light scattering particle size measuring device

*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, 200Kg

For more information, visit our website.

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