



Ultrafine Zinc Oxide

# Ultrafine Zinc Oxide dispersion

## Features

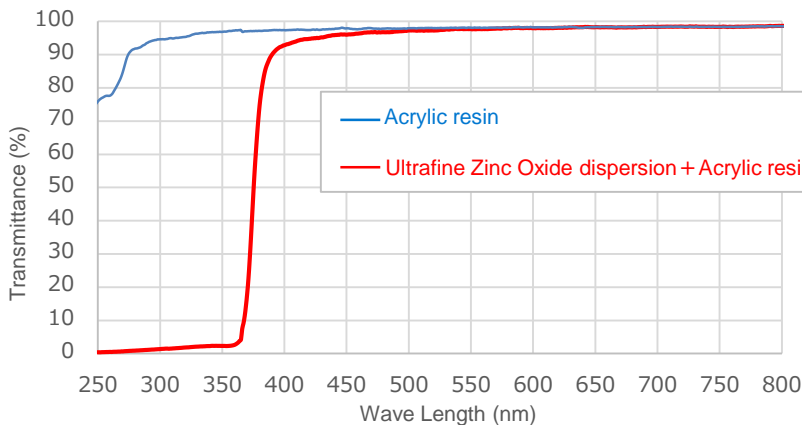
- It has high transparency and high UV shielding.
- In addition to a high concentration and low viscosity, good dispersion is also achieved.
- The binder-free design means that it can be various purposes.
- It has excellent stability over time and can be stored for long periods.

## Representative characteristics

Item name	SD-E3845	SD-E2687	SD-E3771	AQ-E4821
ZnO concentration (wt%)	40.0	40.0	40.0	30.0
Solvent composition	MEK	IPA	Ethyl acetate	Water
Viscosity (mPa · s)	20	20	20	20

## UV shielding characteristics

\*The physical properties shown are representative values.



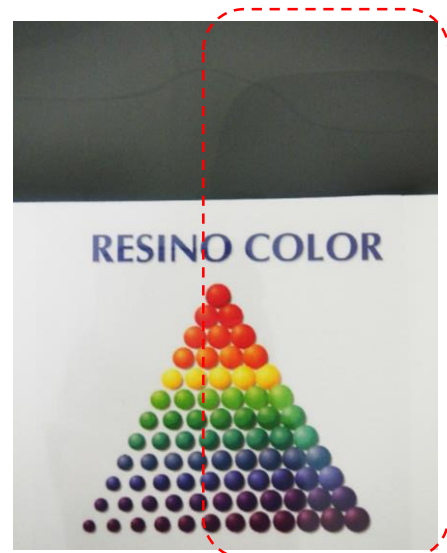
Resin used: Acrylic resin  
 Coating film thickness: Dry 2.0μm  
 ZnO concentration in the coating film: 10wt%  
 Blank substrate: 0.5mm quartz glass  
 Transmittance: Spectrophotometer

## Coating film characteristics

\*The physical properties shown are representative values.

ZnO concentration in the coating film (wt%)	50.0
Haze	0.34
Total lights transmittance (%)	100.0

Resin used: Acrylic resin  
 Coating film thickness: Dry 2μm  
 Blank substrate: 100μm PET film  
 Haze: JIS K 7136, D65 light source  
 Total lights transmittance: JIS K 7361, D65 light source



Blank (PET film)

SD-E3845 coating film

### [Remarks]

Date on this page can't be used for specification purposes.  
 Please evaluate the sufficient performance of the sample under the conditions of use.

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