CLEARTONE ZR

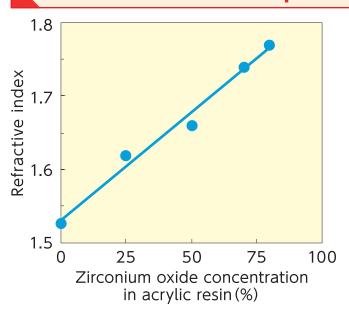


Dispersion of zirconia nanoparticles

Application example

- Coating materials for improving refractive index
- Anti-refraction coating and index matching material
- For optical devices such as diffraction granting and lenses

Excellent in transparency and refractive index





Good dispersibility in various organic solvents, good compatibility with resins

Applicable materials	Туре	ZrO2 concentration
Methyl ethyl ketone	Solvent	30wt%
Toluene		30wt%
Propylene glycol monomethyl ether		20wt%
γ -Butyrolactone		20wt%
2-Ethylhexyl acrylate	Acrylic resin	30wt%
Trimethylolpropane triacrylate		30wt%
Polybutyl acrylate		30wt%
Dicyclopentadiene diepoxide	Epoxy resin	30wt%
p-tert-Butylphenyl glycidyl ether		30wt%
3,4-Epoxycyclohexylmethyl- 3,4-epoxycyclohexanecarboxylate		30wt%