

N-1030S

Nano Zirconia Solution

纳米氧化锆溶液

INTRODUCTION

Applications: N-1030S zirconium solution is a dispersion of 30% nano-sized zirconium oxide, characterized by good transparency, high refractive index, and uniform particle size distribution. It is used in various optical display film materials and as a nano-coating additive.

TYPICAL VALUES

Appearance	translucent liquid
Nanozirconia(wt%)	30-32
Viscosity at 25 °C /mPa.s	6
Solvent PGME(wt%)	65-70
Relative Density	0.95-1.05
Nanoparticle Size	20-30nm

INTERMISCIBILITY

Monomer: Miscible with various conventional monomers.

Solvent: Miscible with esters, ketones, or aromatic solvents.

Polymer: Highly compatible with polyesters, epoxy resins, polyurethanes, phosphate esters, and acrylates to meet formulation needs.

APPLICATION

UV coating: Optical film nano-coating! High refractive index!

packing: 1kg plastic bucket , 20kg plastic bucket

More detailed application references and MSDS are available upon request.