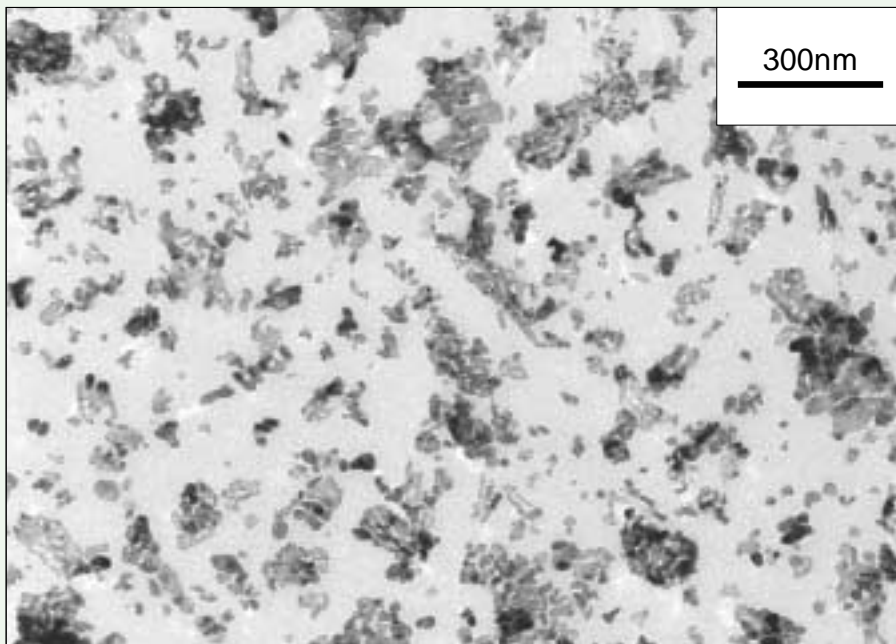


特長 Characteristics

- 一次粒子径20nmの超微粒子、且つ非常に高分散な酸化亜鉛
Ultra fine 20nm particle and outstanding dispersibility
- Hazeのない高い透明性
Superior transparency without Haze
- UV - A ~ UV - Bまで幅広くカット可能
Broad shielding from UV-B up to 380nm UV-A
- 有機紫外線吸収剤と異なりスーパーUV照射に耐え、ブリードアウトしない
No fading under Super-UV-Tester irradiation and no bleed out problem occurs different from organic absorbent
- 不活性グレードは耐候性に優れ、酸・アルカリ・その他の薬品に対する耐性も極めて高い
Passivated grade has excellent durability, and also inactivity with any chemicals

電子顕微鏡写真 Transmission electron micrograph

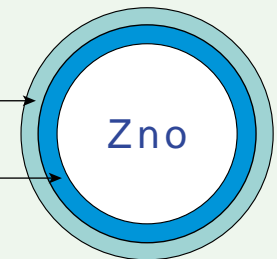


不活性グレード Passivated Zinc Oxide

NANOFINE-50A

Al₂O₃ Layer

High Density SiO₂ Layer



Soluble Zn²⁺ quantity (ppm)

	NANOFINE-50 (Non-coated)	NANOFINE-50A (Coated with SiO ₂ and Al ₂ O ₃)
Boiling Water	3	0.2
PH 2.5 diluted H ₂ SO ₄	120	< 10

分光透過率曲線 UV-visible spectra

