

PRODUCT SPECIFICATION

Product name: **Zinc Oxide Quantum Dots-based ink (ZnO-DMAc ink)**
 Product number: **ZnO-DMAc ink**
 Form: Colloidal solution
 Description: High-quality Bare Zinc Oxide Quantum Dots.
 Monodispersed, narrow size distribution, solution-stable, bright yellow luminescence upon excitation with UV.

Properties	Specification / value
Appearance	Transparent colloid
Excitation	355 nm \pm 5 nm
Emission (max.)	553 nm \pm 5 nm
FWHM	135 nm \pm 5 nm
Core size	2 – 10 nm
Solubility	Colloidal solution in DMAc
Concentration	4 mg/ml
Storage conditions	Room temperature, to be used in 3 months after opening

PACKAGING

Catalogue number	Quantity
ZnO-dmac-ink-5	5 ml
ZnO-dmac-ink-10	10 ml
ZnO-dmac-ink-25	25 ml

PRODUCT INTENDED FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY