

Product Specification

Product Name: **4n ZnO X, ZnO Z, ZnO N**

Zinc Oxide nanopowder, average size >10 nm, < 200 nm

Product Number: **ZnO X, ZnO Z, ZnO N**

CAS Number: 1314-13-2

Formula Weight: 81.39 g/mol **ZnO**

TEST	Specification
Appearance (Color)	white or light grey
Appearance (Form)	powder
Absorbance peak wavelength	350 - 380 nm
Assay: Zinc (Metals Basis)	98 wt%
ZnO X	
Average diameter (TEM)	> 10 nm, < 100 nm
Specific Surface Area	> 20 m ² /g (nominal)
Bulk density	0.1 g/cm ³ (nominal)
ZnO Z	
Average diameter (TEM)	> 60 nm, < 100 nm
Specific Surface Area	> 20 m ² /g (nominal)
Bulk density	0.1 g/cm ³ (nominal)
ZnO N	
Average diameter (TEM)	> 100 nm, < 200 nm
Specific Surface Area	> 5 m ² /g (nominal)
Bulk density	0.2 g/cm ³ (nominal)

Specification: PDS_ZnO_X_Z_N_20211110

PHORNANO warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at www.phornano.com. For further inquiries, please contact Phornano. Purchaser must determine the suitability of the product for its particular use. See quotation, invoice or packing slip for additional terms and conditions of sale.