



HENAN YAROS CHEMICAL CO., LTD.

Address: Rm. 2510, Bld. 18, Yard 1, Wujianxin Neighborhood,
Jianshe West Rd., Zhongyuan District, Zhengzhou City, Henan Prov., China.
Mob./Whatsapp/Wechat: 008618530080998
Web.: www.yaroschem.com

Technical Data Sheet

Product Name: Zinc Oxide (Cosmetic Grade)

Parameter	Specification	Notes
Appearance	White powder	Fine and smooth texture for easy blending
Purity (ZnO)	≥ 99.5%	Ensures high-grade quality
Lead (Pb)	≤ 20 ppm	Safe for cosmetic use
Cadmium (Cd)	≤ 10 ppm	Low heavy metal content
Arsenic (As)	≤ 5 ppm	Non-toxic and safe for application
Iron (Fe)	≤ 50 ppm	Minimal discoloration risk in formulations
Copper (Cu)	≤ 10 ppm	High purity for cosmetics
Other Impurities	≤ 0.5%	Meets strict cosmetic standards
Specific Surface Area	50-60 m ² /g	Ensures good dispersibility
Particle Size	200-400 mesh	Ultra-fine particles for smooth application
Average Particle Diameter	≤ 0.1 μm	Nano-sized for enhanced performance
Moisture Content at 105°C	≤ 0.2%	Low moisture for enhanced storage
Bulk Density	0.35 - 0.45 g/cm ³	Easy to handle and process
Water Insolubles	≤ 0.05%	Suitable for a wide range of formulations
Loss on Ignition (LOI)	≤ 0.5%	Stable and consistent composition
pH (10% suspension)	6.5 - 7.5	Neutral pH for skin compatibility
Packaging	25kg kraft paper bags	Durable packaging for safe transport
Shelf Life	2 years	Store in a cool, dry place

