

Alkyl-Silicon-Treated Iron Oxides

Surface-modified cosmetic iron oxide pigments for hydrophobic powder and oil-phase colour systems.

CAS No. 1309-37-1 / 51274-00-1 / 1317-61-9	EC / List No. 215-168-2 / 257-098-5 / 215-277-5	Transport Non-dangerous goods
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Product Information

Surface-modified cosmetic iron oxide pigments for hydrophobic powder and oil-phase colour systems.

Specifications

Parameter	Specification
Appearance	Red, yellow or black powder according to grade
Odour	Odourless
325-mesh passing	≥99.5 %
Relative tinting strength	95.0–105.0 %
Colour difference, Delta E	≤1.0
Lead	≤10 ppm
Arsenic	≤2 ppm
Mercury	≤1 ppm
Total bacterial count	≤100 CFU/g
Moulds and yeasts	≤20 CFU/g
E. coli	Not detected

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Surface Treatment	Alkyl-silicon
Pigment Colours	Red / yellow / black

Applications

Pressed and loose cosmetic powders: Hydrophobic colour pigments for selected powders.

Foundations and BB creams: Pigments for compatible oil-phase colour systems.

Eyeshadow and eyebrow products: Select red, yellow and black grades for the intended shade.

Packaging / Storage

Item	Information
Packing	30 kg plastic drums
Storage	Keep sealed in a cool, dry, ventilated warehouse. Protect from moisture, heat and contamination; store away from incompatible chemicals.
Shelf life	24 months in unopened original packaging under the stated storage conditions.
Handling	Use ventilation, suitable gloves and eye protection. Follow the matched SDS.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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