

Polyethylene Glycol 3350

Water-soluble polyethylene glycol polymer with controlled molecular mass and residual impurities.

CAS No. 25322-68-3	EC / List No. 500-038-2	Transport Non-dangerous goods
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Product Information

Water-soluble polyethylene glycol polymer with controlled molecular mass and residual impurities.

Specifications

Parameter	Specification
Appearance, reference	White powder or granules
Assay	97.0–103.0 %
pH, 5% solution	4.5–7.5
Ethylene glycol	≤0.062 %
Sum of DEG and EG	≤0.20 %
Formaldehyde	≤15 ppm
Formaldehyde plus acetaldehyde	≤200 ppm
Hydroxyl value, source scale	30–38
Free ethylene oxide	≤1.0 ppm
1,4-Dioxane	≤10 ppm
Water	≤1.0 %
Residue on ignition	≤0.1 %
Heavy metals	≤5 ppm

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

Typical Properties

Property	Typical Value
Chemical Type	Polyethylene glycol polymer
Average Molecular Mass	Approx. 3350 g/mol

Applications

Personal-care carriers and binders: Water-soluble polymer for selected cosmetic formulations.

Formulation processing aids: Ingredient for selected binding, carrying and processing functions.

Qualified pharmaceutical applications: Use only after confirming the required grade and applicable pharmacopeia.

Packaging / Storage

Item	Information
Packing	20 kg cartons
Storage	Keep cartons tightly closed in a cool, dry, well-ventilated place. Protect from contamination, moisture and excessive heat.
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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