

Vinyl Toluene

Inhibited aromatic vinyl monomer for resin, coating, adhesive and composite development.

CAS No. 25013-15-4	EC / List No. 246-562-2	Transport Class 3 — Flammable liquid
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Product Information

Inhibited aromatic vinyl monomer for resin, coating, adhesive and composite development.

Specifications

Parameter	Specification
Appearance	Colourless, transparent liquid
Assay	≥99.5 %
Density at 20°C	0.897–0.899 g/cm³
Colour	≤20 Pt-Co
Refractive index	1.542 ±0.003
Polymer content	≤15 ppm
TBC inhibitor	30–80 ppm
Flash point, typical	53 °C, closed cup
Boiling range, typical	170–172 °C

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

Typical Properties

Property	Typical Value
Molecular formula	C9H10
Molecular weight	118.18 g/mol

Applications

Polyester and alkyd resin development: Reactive aromatic monomer for selected unsaturated-polyester and modified-alkyd systems.

Coatings, adhesives and inks: Monomer for qualified coating, adhesive and printing-ink polymer development.

Composites and electrical materials: Material for technically supervised composite and electrical-insulation resin systems.

Packaging / Storage

Item	Information
Packing	180 kg galvanized drums or ISO tank
Storage	Store tightly closed in a cool, well-ventilated area, away from heat, sparks and open flames. Follow the inhibited-monomer storage protocol, including appropriate inhibitor and oxygen conditions. Segregate from oxidizers and polymerization initiators or catalysts.
Handling	Use effective local exhaust ventilation, ignition-controlled equipment and grounding/bonding during transfer. Wear chemical-resistant gloves, splash goggles and protective clothing. Avoid vapour inhalation and aerosol generation; use suitable respiratory protection where the exposure assessment requires it.

Company Contact

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