

Isopropylated Triphenyl Phosphate (IPPP)

Liquid triaryl phosphate ester flame-retardant plasticizer for selected flexible polymers, coatings and resin systems.

CAS No. 68937-41-7	EC / List No. 273-066-3	Transport Class 9 — Environmentally hazardous liquid
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Product Information

Liquid triaryl phosphate ester flame-retardant plasticizer for selected flexible polymers, coatings and resin systems.

Specifications

Parameter	Specification
Appearance	Colorless to light-yellow transparent liquid
Acid value	≤0.20 mg KOH/g
Specific gravity, 20/20°C	1.15–1.19
Water	≤0.20 %
Colour, Pt-Co	≤80
Viscosity, 25°C	64–75 mPa·s
Free phenol	≤0.10 %
Flash point, open cup	≥220 °C
Phosphorus content	≥8.1 %

Grade-specific supply limits. Flash point is open cup. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Phosphorus Content	≥8.1%
Viscosity at 25°C	64–75 mPa·s

Applications

Flexible PVC compounds: Flame-retardant plasticizer for selected cable and flooring systems.

Polyurethane and phenolic resin systems: Phosphate ester additive for selected foam and resin development.

Textile coatings and engineering polymers: Additive for selected coating and polymer blends.

Packaging / Storage

Item	Information
Packing	230 kg iron drums / 1,200 kg IBC
Storage	Keep tightly closed in cool, dry, ventilated storage at ambient temperature. Protect from heat and contamination; provide containment to prevent environmental release.
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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