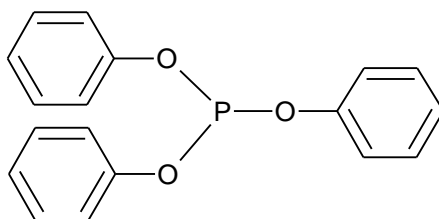


PUREfos TPP

Phosphite Stabilizer

Description *TPP* is an aryl phosphite which can be used as a stabilizer in several types of polymers which include adhesives, styrenics, engineering thermoplastics, polyesters, polyolefins, polyurethanes, coatings, epoxies, and PVC where food contact regulatory approval is not required.

Chemical Structure



Chemical name Triphenyl phosphite

CAS number 101-02-0 **Molecular weight:** 310.28 g/mol

Features & benefits *TPP* offers excellent color improvement and heat stability for polyurethane, rubber and resins. In addition, **TPP** is able to adjust viscosity in polyesters and act as a catalyst adjuvant in polyolefins.

Applications Usage of **TPP** include in several polymer applications which include in coatings, adhesives, epoxies, polyesters, polycarbonates, PVC etc.

Handling & Safety In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Use only with adequate ventilation. For more detailed information please refer to the safety data sheet.

Storage This product may be stored in a sealed container for at least 1 year. Containers should be kept tightly closed when not in use and stored in a cool, dry place. Open drums/containers should be used as soon as possible to avoid hydrolysis especially in hot and humid environment.

Typical Properties:

Appearance	Clear liquid
Color (APHA, Pt/Co)	50 max.
Specific gravity @ 25°C / 15.5°C	1.180 - 1.186
Acid value (mg KOH/g)	0.2 max.
Refractive index @ 25°C (77°F)	1.587 - 1.590
Phosphorus content (%)	10
Flash point (Pensky-Martens Closed Cup)	146°C (295°F)
Viscosity @ 38°C (cps)	10.2

TECHNICAL DATA SHEET

Polygel Product Management

Email: info@polygelbrunei.com



Density @ 25°C (g/mL)	1.18 g/mL, 9.8 lb./gal.
Vapor pressure	5 mm Hg @ 205°C (401°F)
Solubility	Soluble in most common aprotic organic solvents. Insoluble in water.

Packaging Available in 200 kg drums and 1000 kg IBC.

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Rev:01/ Aug 21