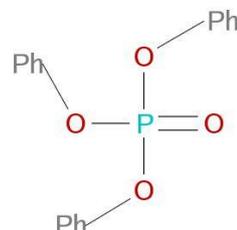


GC TPP

Triphenyl phosphate

Chemical Formula $C_{18}H_{15}O_4P$
Molecular Weight 326.29
CAS registry number 115-86-6



GC TPP is a plasticizer and flame retardant applicable in PC/ABS, PC/PS, PVC, cellulosic (acetate and nitrate), synthetics, rubber, phenolics and PPO. GC TPP provides good processing properties and finds application in films, lacquers and molding powder.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White crystal flakes
APHA Color (Pt-Co)	50 max
Assay %	99 min
Density, g/cm ³ @ 60°C	1.208
Melting Point, °C	48 min
Boiling Point, °C	370
P Content, %	9.40-9.50
Phenol Content, %	0.05 max
Acid Value (KOH), mg/g	0.03 max
Moisture, %	0.1 max

HANDLING AND STORAGE: The processing and use of GC TPP requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC TPP has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING: Standard packaging size of GC TPP is 25 Kg in plastic-lined paper bags.

IMPORTANT NOTE Some plastic additives, fillers or pigments can influence significantly the flame retardant properties of the compound. Before using these products, please be informed.

Machine stop at high temperature could create degradation of polymers.
Please clean with neutral polymers.

DISCLAIMER:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.