



FaRetar Flame Retardant Technology Co., Ltd.

Office: Building 8, Weifang Yuandu Huizhi Industrial Park No.3999,

Taixiang West Street, Economic Developing Zone,

Weifang, Shandong, China.

Post code: 261031 Tel: + (86) 536 8826089 Fax: + (86) 536 8057018

Email: info@faretar.com Web site: <http://www.faretar.com>

FARETAR™ TPP

Triphenyl phosphate

Product description

FARETAR™ TPP is a halogen-free phosphorus flame retardant with low volatility and good compatibility with fibers, consequently it is often used as a flame retardant for fiber materials.

Molecular Structure	
Chemical Name:	Triphenyl phosphate
Formula	C ₁₈ H ₁₅ O ₄ P
CAS Number	115-86-6
Molecular Weight	326.28
Appearance	White flaky crystal
Specific gravity, g/cm ³	1.2

Comparable grade

Daihachi TPP

Characteristics

- Low volatility
- Good water resistance, compatibility with fiber and plasticizing effect

Applications

FARETAR™ TPP is mainly used as a flame retardant plasticizer for cellulose resin, vinyl resin, natural rubber and synthetic rubber, glycerol triacetate, rigid polyurethane foam, phenolic resin and PPO.

Specification

Item	Specification
Appearance	White flaky crystal
Phosphorus content (wt, %)	≥ 9.5
Melting point (° C)	48-50
Color (APHA)	≤ 80
Acid Value (mg KOH/g)	≤ 0.1
Water content (wt. %)	≤ 0.05
Content (%)	≥ 99.0

*Test method: Q/0783FRT017-2019

Package

25kg net in nylon-lined kraft paper bag

Storage

Store the product in a cool, dry, well - ventilated area