

TRICRESYL PHOSPHATE

T306

●Introduction

Product Name: Tricresyl Phosphate

Molecular formula: $(\text{CH}_3\text{C}_6\text{H}_4\text{O})_3\text{PO}$

Molecular Weight: 368

This product is an important plasticizer for vinyl resin and nitrocellulose. It has excellent compatibility. It is a flame retardant of synthetic rubber/PVC/polyester, polyolefin and soft polyurethane foam. It can give high polymer good abrasion resistance, weatherability, mildew resistance, radiation resistance and electrical properties. It is suitable for cable, flame retardant conveyor belt, paint, rubber industry, etc. The antiwear additive acting on antiwear hydraulic oil and other oil products is also a component of antifire hydraulic oil and fire retardant.

●Recommended Treat Rate (wt%): 0.5-3.0

●Specifications

Item	Typical Value	Test Method
Appearance	Yellow Transparent Liquid	Visual
Color (Pt-Co)	80	GB/T 1664
Density (20°C), g/cm ³	1.174	GB/T 1884
Flash Point (COC), °C	235	GB/T 3536
Phosphorus, wt%	8.26	SH/T 0296

●Package, Handle & Storage

- Packed in 200L metal drum, IBC-Tank or made to order.
- Long term storage temperature should not exceed 45°C.
- Handle & blending temperature should not exceed 65°C.
- Not dangerous chemical, store in dry & clean warehouse.