

**Flame retardant for polymer**

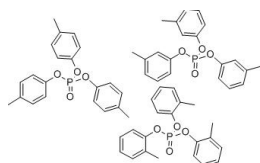
**Flame retardant**

## 1. General

TY CHEM TY209 is an additive flame retardant plasticizer, whose superiority is demonstrated in excellent hydrolysis stability, good electric insulation performance, superior mildew resistance and abrasion resistance. It can be recommended as flame retardant for synthetic rubber, PVC, polyester, polyolefin, and plasticizer or flame retardant plasticizer for vinyl resin, nitrocellulose, butyl rubber and chloroprene

## rubber. Properties

Structure



CAS name	:	Tricresyl Phosphate
CAS no.	:	1330-78-5
Molecular formula	:	C <sub>21</sub> H <sub>21</sub> O <sub>4</sub> P
Molecular weight	:	368.39

## 2. Physical Data

Appearance	:	Yellow Transparent Liquid.
Odor	:	Slightly
Boiling point	:	265 °C
Melting range	:	- 30 °C
Phosphorus content (wt. %):		8.4(Theory)

## 3. Specification

Color (APHA)	<150
Acid Value (mgKOH/g)	<0.1
Water content (wt. %)	<0.1
Phosphorus content (wt. %)	>8.9
Density (25°C, g/cm <sup>3</sup> )	1.170±0.010
Viscosity (25°C, mPa.s)	56-62
Phenol content (ppm)	≤500

## 4. Packaging:

230kg net in iron drum.