



Product Name: Tricresyl phosphate(TCP)

Molecular Formula: (CH₃C₆H₄O)₃PO

Molecular Weight: 368.36

EINECS No.: 215-548-8

CAS No. : 1330-78-5

ITEM

Appearance

Color, APHA

Acid Value (mgKOH/g),%

Specific gravity g/cm³(20°C)

Flash Point(open cup),°C

Free phenol,%

Loss on heat,%

P content,%

Viscosity, mPa.s

INDEX

Light yellow transparent liquid

≤50

≤0.10

1.160-1.180

≥230

≤0.10

≤0.20

8.4

60

Application:

It is a flame retardant plasticizer with excellent hydrolysis stability, oil resistance, electric insulativity and high fungus resistance. It is mainly used as plasticizer and fire retardant in PVC, polyethylene, artificial leather, film, sheet material, plate material, conveying belt, floor material, wire & cable, synthetic resin, plastic, rubber and cellulose, to improve the products' processibility, anti-pollution, mildew resistance and abrasion resistance; also used as gasoline ignition controlling agent, lubricating grease extreme pressure antiwear agent and to synthesize incombustible hydraulic oil.

Equivalent Brand:

Daihachi: TCP

ICL INDUSTRIAL: Lindol/Lindol XP

Chemtura: Kronitex TCP

Lanxess: Disflamoll TK