

■ POLYMER ADDITIVES

## JADEWIN TNPP

### ANTIOXIDANT

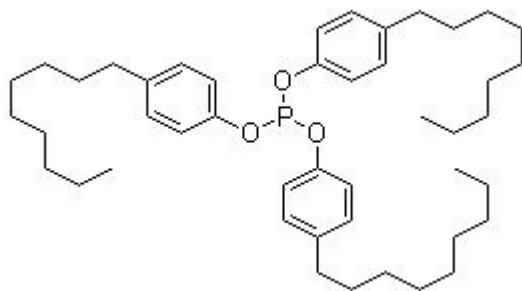
#### CHEMICAL COMPONENT

COMPONENT TRIS(NONYLPHENYL) PHOSPHITE

CAS 3050-88-2

FORMULA C<sub>45</sub>H<sub>69</sub>O<sub>3</sub>P

M.W 689.00



#### SPECIFICATION AND PHYSICAL PROPERTIES

| TEST                   | UNIT     | SPECIFICATION               |
|------------------------|----------|-----------------------------|
| APPEARANCE             |          | LIGHT YELLOW VISCOUS LIQUID |
| COLOR                  | APHA     | ≤50                         |
| ACIDITY                | mg,KOH/g | ≤0.15                       |
| P CONTENT              | %        | ≥4.0                        |
| HYDROLYTIC STABILITY   | Hr       | ≥2                          |
| FREE NONYLPHENOL       | %        | ≤3.0                        |
| REFRACTIVE INDEX       |          | 1.5220-1.5265               |
| SPECIFIC GRAVITY (25℃) |          | 0.980-0.9920                |
| VISCOSITY (20℃)        | mpa.s    | 2500-5000                   |

#### FEATURE AND APPLICATION

● JADEWIN TNPP is used as a secondary antioxidant in polymer formulations. It has better performance in Ba-Cd & Ba-Zn Systems. It could stop catalytic degradation of polymers by chelating metal ions. Consequently it increases the heat resistance, Initial Color and anti-aging performance of



plastic&rubbers

●JADEWIN TNPP is colorless, odorless,nontoxic and solvent extraction resistant. It is widely used as stabilizer and antioxidant in Rubber and Latex products, it is used with hinder phenolic antioxidant in plastic food packing.

Application

- PVC Film(Dosage, 0.1-0.3%)
- Polyolefins Linear low density polyethylene(LLDPE),
- High density polyethylene (HDPE), dosage 0.1-0.3%
- Rubber and Latex , dosage 1-3%
- Rosin and unsaturated resins
- PP,ABS , Epoxy and Polyester
- PUR Coatings

#### PACKING

200KG Drum

#### STORAGE

Keep container tightly closed and dry and storage in cool place