

■ POLYMER ADDITIVES

## JADEWIN AO1610

### ANTIOXIDANT

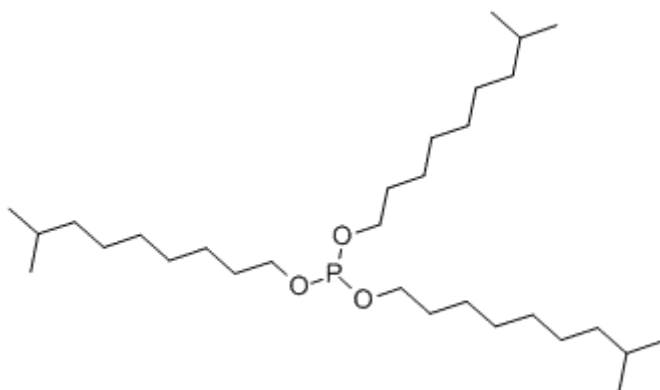
#### CHEMICAL COMPONENT

COMPONENT PHOSPHOROUS ACID TRIISODECYL ESTER

CAS 25448-25-3

FORMULA C<sub>30</sub>H<sub>63</sub>O<sub>3</sub>P

M.W 502



#### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		COLORLESS LIQUID
COLOUR NUMBER	APHA	50MAX
REFRACTIVE INDEX	25°C	1.4530-1.4610
SPECIFIC GRAVITY	25°C	0.884-0.904
ACID VALUE	mgKOH/g	0.1MAX

#### FEATURE AND APPLICATION

- JADEWIN AO1610 is a new environmental friendly phosphite ester Antioxidant. It doesn't contain Phenol, nonylphenol, BPA, BHT.
- JADEWIN AO1610 is colorless, nontoxic and no color stain. As an environmental friendly antioxidant, it could replace TNPP, TPO and PDOP.
- JADEWIN AO1610 has a stronger ability to decompose hydroperoxide (ROOH) than common



phosphite

Antioxidants. It has better initial color and heat resistance.

- JADEWIN AO1610 is FDA approved and be applied in food packing material
- JADEWIN AO1610 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 AO1610 has better hydrolytic stability.It 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 and UV Absorber in plastic food packing.

**Application**

- PVC Film
- Polyolefins Linear low density polyethylene(LLDPE),
- High density polyethylene (HDPE)
- Rubber and Latex
- Rosin and unsaturated resins
- PP,ABS , Epoxy and Polyester
- PUR Coatings
- PC

**PACKING**

200KG Drum

**STORAGE**

Keep container tightly closed and dry and storage in cool place