



## TRINOX TNPP – Antioxidant

### Technical Data Sheet

#### PRODUCT FEATURES

**ANTIOXIDANT TNPP** is a clear viscous liquid with phenolic odour. It is used as a stabilizer & antioxidant in polymer industry. In combination with phenolic antioxidants it provides good synergistic effect to polymers.

#### SPECIFICATIONS

Chemical Name	:	Tris (Nonylphenyl) Phosphite
CAS NO	:	26523-78-4
Chemical structure	:	(C <sub>9</sub> H <sub>19</sub> C <sub>6</sub> H <sub>4</sub> O) <sub>3</sub> P
Appearance	:	Clear colourless to pale yellow viscous liquid
Colour	:	50 APHA max
Refractive Index @ 25deg	:	1.525- 1.532
Acid value (mg/KOH) gm	:	0.5% max
Specific gravity @ 25 <sup>o</sup> C	:	0.97-0.999

#### MAJOR BENEFITS

**ANTIOXIDANT TNPP** provides excellent protection against Thermal degradation in polymers & rubbers. It acts as excellent stabilizer for myriad of elastomer such as SBR, NBR & SIS. It prevents yellowing of synthetic rubber & ABS plastics during the process with high temperature. It is effective process stabilizer for polymers such as Polyethylene, polypropylene & Polyester. It is also used as antioxidant in non toxic applications such as PVC bottles, food sealing gaskets for food containers.

#### SAFETY AND HANDLING

Normal precautions for handling chemicals should be applied including the wearing of protective clothing, hand gloves & safety goggles. Protected from extremes of temperature  
Shelf life: 12 months from date of manufacture in original Qualichem sealed container.

#### PACKING

50/200 KG HDPE drum.

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