

**AO TNPP**

**Technical Datasheet**

Chemical Name	TRIS (NONYLPHENYL) PHOSPHITE	
Grade Name	AO TNPP	
CAS No.	26523-78-4	
HS Code	29202900	
EINECS No.	247-759-6	
Molecular Formula	C45H69O3P	
Synonyms	<ul style="list-style-type: none"> <li>• tris(4-nonylphenyl, branched) phosphite</li> <li>• Tri(mixed mono-and dinonylphenyl) phosphite</li> </ul>	
TEST	SPECIFICATION	METHOD
Appearance (at Room temperature)	Colorless to light yellow viscous liquid	Visual
Specific Gravity	0.980-0.992 g/ml(25°C)	Pycnometer
Acid Value (mg KOH/g)	Max 0.05 (mgKOH/g)	Titration - Acidimetric
Colour (Hazen)	Max 75 (Pt-Co)	Spectrophotometer
Content Phosphorus (%)	4.1%-4.5%	XRF

**Product Information:**

- AO TNPP is a versatile phosphite stabilizer which is useful in a large number of polymers such as polyethylene, polypropylene, polystyrene, HDPE, LLDPE, SBR, ABS, PVC etc.
- AO TNPP is also a suitable stabilizer for elastomers such as SBR, NBR.
- AO TNPP is a high purity, cost effective stabilizer that improves color and processing stability.
- AO TNPP provides better performance when combined with other stabilizers such as hindered phenols.
- AO TNPP may be used alone or in combination with the monomers in antioxidant emulsions.
- AO TNPP can be used during compounding and prevents gel formation during polymerization, finishing, storage and factory processing.
- AO TNPP is highly effective in light colored solution and emulsion polymerized elastomers.

**Product Handling & safety:**

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:** TRI(MIXED MONO-AND DINONYLPHENYL) PHOSPHITE (WHICH MAY CONTAIN NOT MORE THAN 1 PERCENT BY WEIGHT OF TRIISOPROPANOLAMINE).

Title: TITLE 21-FOOD AND DRUGS

Chapter: CHAPTER I-FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES

Subchapter: SUBCHAPTER B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)

Part: PART 178 - INDIRECT FOOD ADDITIVES: ADJUVANTS, PRODUCTION AIDS, AND SANITIZERS

Subpart: Subpart C - Antioxidants and Stabilizers

Section: Sec. 178.2010 Antioxidants and/or stabilizers for polymers.

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Subchapter: SUBCHAPTER B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)

Part: PART 177 - INDIRECT FOOD ADDITIVES: POLYMERS

Subpart: Subpart C - Substances for Use Only as Components of Articles Intended for Repeated Use

Section: Sec. 177.2600 Rubber articles intended for repeated use.

## Product Disclaimer

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.