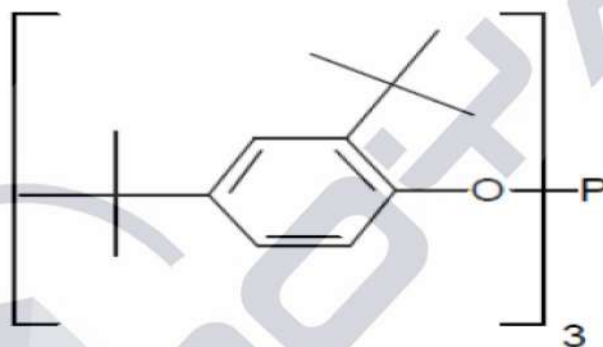


**TECHNICAL DATA SHEET
Omnistab AN 168**

CAS No	31570-04-4
Chemical name	Tris(2,4-ditert-butylphenyl) phosphite
Molecular formula	C ₄₂ H ₆₃ O ₃ P
Molecular Weight	646.93 g/mol

Molecular structure

Application:

Omnistab AN 168 is mainly used in Polyolefin and Olefin Co-Polymers, such as Polyethylene, Polypropylene, Polybutene Copolymers. The blends can be used in other Polymers such as: Engineering Plastics, Styrene Homo and Copolymers, Elastomers, Adhesives, and Others.

Features:

Omnistab AN 168 an organophosphite of low volatility and is particularly resistance to Hydrolysis. It protects Polymers which are prone to Oxidation and improvement of long-Thermal Stability, it can be combined with Other Anti-oxidants Series.

Physical Properties

Appearance	White Powder
Clarity of solution	CLEAR
Assay	99% Min
Volatiles (%)	0.3max
Melting range	183.0-187.0
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Acid Value (Mg Koh/g)		0.5 % Max
Hydrolysis Resistance		20 Hour min
Transmittance	425 nm	97.0 Min
	500 nm	98.0 Max
	Powder	1.03 g/cm ³
Bulk Density	FF (C)	480-570 g/l
	DD (C)	480-550 g/l
Solubility (20 C)		%w/w
Acetone		1
Chloroform		36
cyclohexane		16
Ethanol		0.1
Ethyl acetate		4
N-Hexane		11
Methanol		<0.01
Methylene Chloride		36
Toluene		30
Water		<0.01

Guidelines For Use:

Used for the processing stabilization of polymer combining with other additive such as Omnistab AN 1010 or Omnistab AN 1076 in appropriate level. Reference dosage is 0.05-0.20%.

Shelf Life:

1 Year Minimum

Handling and Safety:

In accordance with good industrial Practice, Handel with care and prevent Contamination of the Environment .Avoid dust formation and Ignition Sources.