

AO1425WL	Technical Datasheet
-----------------	----------------------------

Chemical Name	CALCIUM BIS MONOETHYL-(3,5-DI-TERTBUTYL-4-HYDROXYBENZYL) PHOSPHONATE + PE WAX
Grade Name	AO1425WL
CAS No.	65140-91-2
HS Code	29319090 (AO1425)
EINECS No.	65140-91-2
Molecular Formula	C34H56O8P2Ca
Synonyms	<ul style="list-style-type: none"> • ANTIOXIDANT 1425WL • 3,5-DI-TERT-BUTYL-4-HYDROXYBENZYL PHOSPHONIC ACID,ETHYL ESTER : POLYETHYLENE WAX • ANTIOXIDANT WAX

TEST	SPECIFICATION	METHOD
Appearance	White to off white powder	Visual
Purity by HPLC %	Min 98 %	HPLC
% Volatiles	Max 0.5%	Thermogravimetry
Particle size AO1425 (D50) Microns	Max 5 micron	Particle Size Analyzer (Dry Method)
Particle size AO1425 (D90) Microns	Max 10 micron	Particle Size Analyzer (Dry Method)
Content %	AO 1425 : 50% Wax : 50%	Spectrophotometer
Transmittance	at 425 nm = Min 85 % ; at 500 nm =90 % Min.	Colorimeter/Spectrophotometer/Whiteness meter

Product Information:

- AO-1425WL is used as an antioxidant in a polyethylene wax carrier for polypropylene fibers.
- AO-1425WL is also an effective esterification catalyst that is particularly useful in the production of rosin esters.
- AO-1425WL is also used in polyesters, cross linking elastomers, natural and synthetic resins.

Product Handling & safety:

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

Product Registration:CALCIUM BIS MONOETHYL-3,5-DI-TERTBUTYL-4-HYDROXYBENZYLPHOSPHONATE is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 178- Indirect Food Additives: Adjuvant, Production Aids, And Sanitizers

Subpart: C- Antioxidants And Stabilizers

Section: 178.2010- Antioxidants And/Or Stabilizers For Polymers.

Product Registration: POLYETHYLENE WAX is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

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

Part: 175 -- INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS

Subpart: C--Substances for Use as Components of Coatings

Section: 175.300 Resinous and polymeric coatings.

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.