

■ POLYMER ADDITIVES

**JADEWIN AN 1425**

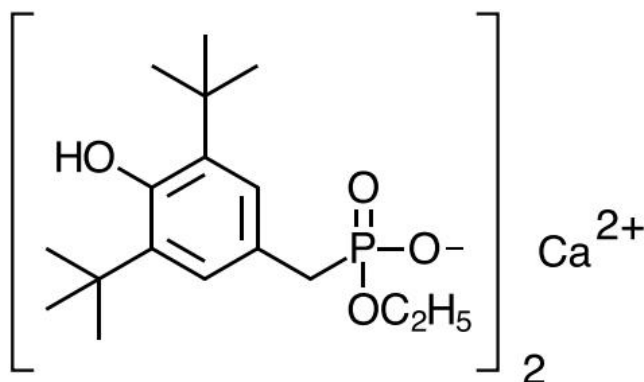
**ANTIOXIDANT**

**CHEMICAL COMPONENT**

COMPONENT PHOSPHONIC ACID, P-[[3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL] METHYL]  
-, MONOETHYL ESTER, CALCIUM SALT (2:1)

CAS 65140-91-2

M.W 694.8



**SPECIFICATION AND PHYSICAL PROPERTIES**

TEST	UNIT	SPECIFICATION	
APPEARANCE		WHITE POWDER	
SOLUBILITY(20°C)	%	CLEAR	
MELTING POINT	°C	260MIN	
VOLATILES	%	0.50MAX	
CALCIUM	%	5.50-5.90	
CHLORIDE	%	0.30MAX	
TRANSMITTANCE			
425nm	%	85.00MIN	
500nm	%	90.00MIN	
ACETONE	0.02	N-HEXANE	0.02
CHLOROFORM	0.01	METHANOL	8
ETHANOL	<0.1	TOLUENE	~0.5
ETHYLENE GLYCOL	8	WATER	0.24



## FEATURE AND APPLICATION

- In the production of rosin esters, JADEWIN AN1425 enables shorter reaction times and gives products characterized by reduced discoloration, a low acid number, and improved heat stability.
- In PET, JADEWIN AN1425 provides faster solid-state polymerization, improved color, and reduced generation of acetaldehyde.
- Non-discoloring.
- Excellent resistance to migration and extraction.
- Low-volatility during polycondensation and high temperature processing.
- Extensive FDA clearances.
- JADEWIN AN1425 is particularly useful as a stabilizer and esterification catalyst in rosin esters and in PET and other thermoplastic polyesters. It is also effective for the stabilization of polyolefins (particularly polypropylene fibers), cross-linked elastomers, and specialty adhesives.

## PACKING

20KG BAG, 25KG BAG

## STORAGE

Keep container tightly closed and dry and storage in cool place

## CHEMICAL INVENTORIES

Australia AICS  
Canada DSL  
China IECSC  
Europe EINECS  
Japan ENCS / ISHL  
Korea ECL  
New Zealand TSA  
Philippines PICCS  
Switzerland BUWAL  
USA TSCA