

■ POLYMER ADDITIVES

JADEWIN AN 168

ANTIOXIDANT

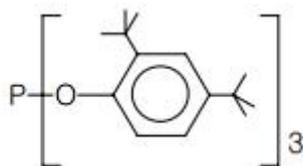
CHEMICAL COMPONENT

COMPONENT 2,4-bis(1,1-dimethylethyl)-phenophosphite(3:1)

CAS 31570-04-4

Molecular C42H63O3P

M.W 647



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE CRYSTALLINE POWDER
ASSAY	%	99.00MIN
VOLATILES	%	0.30MAX
MELTING POINT	°C	183.00-187.00
CLARITY		CLEAR
TRANSMITTANCE		
425nm	%	96.00MIN
500nm	%	98.00MIN
CONTENT OF DTBP	%	0.20MAX
ACIDITY	mgKOH/g	0.25MAX
HYDROLYZATION	h	14MIN

TGA 265°C 5% 271°C 10% 315°C 50%

:
:
:



FEATURE AND APPLICATION

JADEWIN AN 168 is secondary antioxidant with excellent resistance to extraction by water, low volatility and high heat stability. It reacts during processing with hydroperoxides formed by autoxidation of polymers preventing process induced degradation and extending the performance of primary antioxidants

JADEWIN AN 168 has better synergist effort with Primary Antioxidant JADEWIN AN 1010.

JADEWIN AN 168 is of good compatibility with most Polyolefin like ABS,PC,PVC,PU, Polyester, PP,PS PBT,PET,PMMA,TPE and etc

PACKING

25Kg Carton Box, 50Kg Fiber Drum, 500Kg 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