

■ POLYMER ADDITIVES

JADEWIN AFS

ANTIOZONANTS

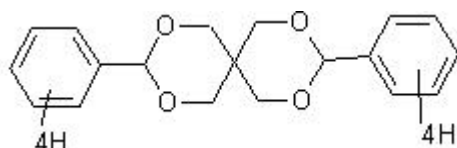
CHEMICAL COMPONENT

COMPONENT 3,9-dicyclohex-3-enyl-2,4,8,10-tetraoxaspiro[5.5]undecane

CAS 6600-31-3

FORMULA C₁₉H₂₈O₄

M.W 320.40



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE POWDER
MELTING POINT	°C	85.00MIN
BOILING POINT	°C	435.00MIN
VOLATILES	%	0.20MAX
DENSITY	g/cm ³	1.18

SOLUBILITY (20°C)

Acetone : 43

Cyclohexane :0.50

Toluene :10

Water :1.73mg/L

FEATURE AND APPLICATION

Description

Ozone is one of the most strong oxidizing agents and could cause ozonolysis reaction when the polymer like rubber and elastomeric material are exposed to Ozone.

To polymer like rubber and Elastomeric material the Ozone is very harmful. It could discompose the material and causing color fading affect the service life ,product quality and aesthetics of polymer even in low ozone concentrations. There are many factors could cause the production of Ozone like UV radiation (sunlight), electrical discharges (electrical machinery) and air pollution (NOx) .



**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**
青岛杰得佳新材料科技有限公司

*Most of the commercial are para-phenylenediamines, which could offer effective protection against ozone attack and are low cost, however. All of the para-phenylenediamine antiozonants can cause strong discoloration of Vulcanizing agents , leading to contact staining.

*JADEWIN AFS is a new effective antiozonant,with feature of non-staining and protection of vulcanizing agent, avoiding staining and contact staining.

Particularly for white or light colored rubber products, JADEWIN AFS is also helpful for colored rubber products and keep the color of the finished products same as original designed color.

Application

- Automotive compounds
- Manufacturing of rubber, latex
- Sneaker, off-road tires and leisure products

PACKING

20Kg Carton

STORAGE

Keep container tightly closed and dry and storage in cool place