

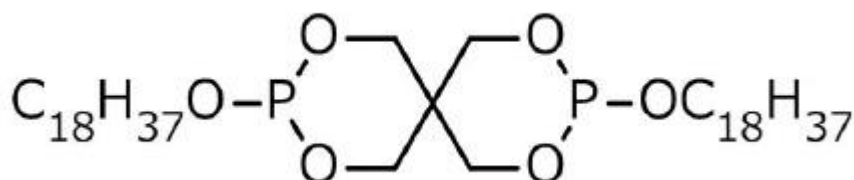
■ POLYMER ADDITIVES

JADEWIN AN 618

ANTIOXIDANT

CHEMICAL COMPONENT

COMPONENT	O,O'-DIOCTADECYLPENTAERYTHRITOL BIS(PHOSPHITE)
CAS	3806-34-6
Molecular	C ₄₁ H ₈₂ O ₆ P ₂
M.W	733



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE FLAKE
FREEZING POINT	°C	40.00-65.00
VOLATILE	%	≤0.4
PHOSPHORUS CONTENT	%	7.3-8.2

FEATURE AND APPLICATION

- * JADEWIN 618 is a new type of phosphorus-containing antioxidant with excellent performance. It has high effective phosphorus content, strong ability to decompose hydroperoxide, and excellent initial coloration and transparency. Can be used in food packaging materials, replacing antioxidant BHT and auxiliary antioxidant DLTP
- * JADEWIN 618 is mainly used for polyethylene, polystyrene, polypropylene, ABS resin, ethylene-vinyl acetate copolymer, etc., can also be used for polyvinyl chloride And polycarbonate.
- * JADEWIN 618 can be used in combination with hindered phenolic antioxidants or hindered amine light stabilizers to produce better synergistic effects. The amount of addition is 3‰~5‰
- *JADEWIN 618 is used as a high temperature antioxidant, often used in combination with hindered



JADEWIN

杰得盈

QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD

青岛杰得佳新材料科技有限公司

phenolic antioxidants, for ABS, PS, HIPS, NBR, SBS, PP, PE, LLDPE, PVC, PC, PA, PET, UP, amide fiber, Polyester fiber, binder, paint, ink, compounding agent production and processing, calcium and zinc stabilizer compounding.

*Due to the bisphosphite structure, the alkyl trivalent phosphorus content is higher, so that the antioxidant effect is more prominent and efficient. It is approved by food and health agencies in many countries and can be used in food packaging materials (TITLE21 CFR.178.2010). It is structurally free of alkyl phenol, meets the latest market regulations and development trends, and is better combined with UV absorbers.

* For additional information please consult the Material safety Data Sheet

PACKING

25Kg Carton

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS

Canada - DSL

EU - EINECS

China - IECSC

Japan - ENCS

New Zealand - NZIoC

Korea - ECL

USA - TSCA

Philippines - PICCS