

■ POLYMER ADDITIVES

JADEWIN PEP-36

ANTIOXIDANT

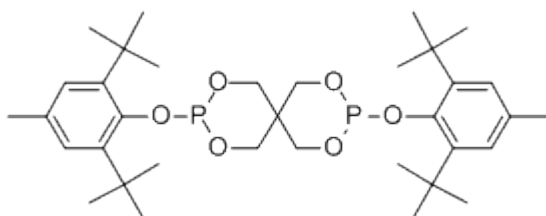
CHEMICAL COMPONENT

COMPONENT Bis(2,6-di-ter-butyl-4-methylphenyl)pentaerythritol-diphosphite

CAS 80693-00-1

FORMULA $C_{35}H_{54}O_6P_2$

M.W 633



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE CRYSTALLINE POWDER
MELTING POINT	°C	234-240
VOLATILES	%	0.5MAX
CLARITY		CLEAR
ACIDITY		1.0MAX
P CONTENT	%	9.3-9.9
ASSAY	%	98.00MIN

FEATURE AND APPLICATION

- JADEWIN PEP-36 is a high-performance phosphite which provides marked process stability to polymers. It also has excellent resistance to hydrolysis and thermal stability. It is recommended for applications which require high-temperature processing and/or strongly avoid discoloring.
- JADEWIN PEP-36 protects polymers against thermal degradation, which drastically reduces discoloration and prevents the increase of melt flow rate of the polymer during high-temperature processing.
- JADEWIN PEP-36 shows a marked synergistic effect when used with phenolic antioxidants.



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

● JADEWIN PEP-36 approved as an indirect additive in food contact substances in US, EU and Japan. Potential application is food packaging. (For additional information such as kind of adaptable polymers, please ask our Sales Department.)

● JADEWIN PEP-36 applications

- Polyolefins such as PP and HDPE
- Styrene resins such as PS and ABS
- Engineering plastics such as PA, PC, m-PPE, Polyesters

PACKING

20KG CARTON

STORAGE

Keep container tightly closed and dry and storage in cool place