

POLYMER ADDITIVES

JADEWIN LS 111

CHEMICAL COMPONENT

COMPONENT 1,3,5-Triazine-2,4,6-triamine,N,N-1,2-ethanediylbisN-3-4,6-bisbutyl(1,2,2,6,6-pentamethyl-4-piperidinyl)amino-1,3,5-triazin-2-ylaminopropyl-N,N-dibutyl-N,N-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)

Poly(4-hydroxy-2,2,6,6-tetramethyl-1-piperidine ethanol-alt-1,4-butanedioic acid)

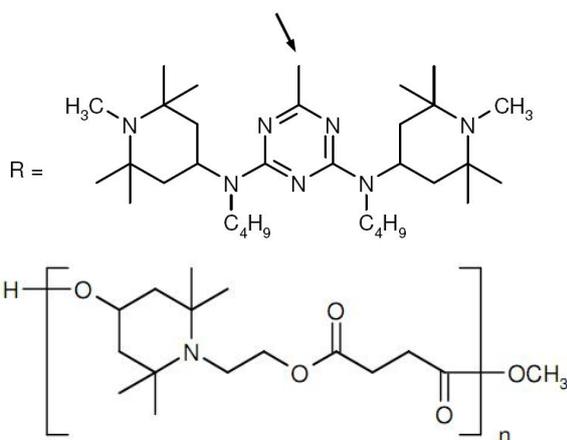
CAS 106990-43-6

65447-77-0

Molecular

C132H250N32

(C15H25NO4)_n



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE TO OFF-WHITE CRYSTALLINE POWDER
COMPOSITION		
CAS:106990-43-6	%	40
CAS: 65447-77-0	%	60
TRANSMITTANCE		
425nm	%	90.00MIN
500nm	%	95.00MIN



FEATURE AND APPLICATION

*JADEWIN LS111 is a special blend of two hindered amine light stabilisers JADEWIN LS119 and JADEWIN LS 622.

*JADEWIN LS111 is recommended for use in powder and industrial coatings as a light stabiliser. It is effective as an antioxidant and also shows triboelectric charging activity for powder coatings.

*JADEWIN LS111 improves the weathering of coatings by trapping free radicals. The addition of a UV-absorber such as JADEWIN UV234 or JADEWIN UV928 usually results in even better exterior coating durability.

In powder coatings,

JADEWIN LS111 significantly improves triboelectric charging, which bring beneath advantage

-improve transfer efficiency of the triboelectric coating process and a reduced amount of overspray to be recycled

-improved powder adhesion to the workpiece

- enhanced wrap-around on spraying

In industrial coatings

JADEWIN LS111 reduces yellowness caused by curing and overbaking, particularly in gas ovens.

Further reduction in yellowing can usually be achieved by the addition of peroxide decomposing additives, such as JADEWIN AN 168

* For additional information please consult the Material safety Data Sheet

PACKING

25KG BAG, 500KG /Pallet, 50KG 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