

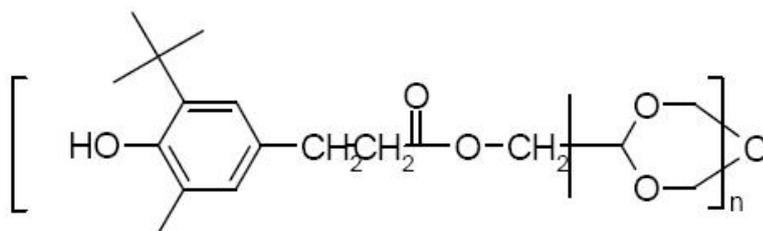
■ POLYMER ADDITIVES

## JADEWIN AO 80

### ANTIOXIDANT

#### CHEMICAL COMPONENT

COMPONENT	3,9-bis(2-(3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy-1,1-dimethyl)-2,4,8,10-tetraoxaspiro[5,5]undecane
CAS	90498-90-1
FORMULA	C43H64O10
M.W	741



#### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE TO OFF-WHITE POWDER
ASSAY	%	97.00MIN
CLARITY OF SOLUTION		CLEAR
VOLATILES	%	0.50MAX
ASH	%	0.10MAX
MELTING POINT	°C	110.00-125.00
TRANSMITTANCE		
425nm	%	96.00MIN
500nm	%	98.00MIN

#### FEATURE AND APPLICATION

JADEWIN AO 80 is a high molecular weight hindered phenolic antioxidant suitable for the protection of a variety of polymers, such as LDPE, ABS and PET, and it is particularly recommended for PP, HDPE, LLDPE, HIPS, PBT, POM, PA, PU and Nylon. JADEWIN AO 80 can provide high heat stability and suppresses initial color. It is particularly suitable for polymers that are exposed to high temperatures and/or severe conditions during



JADEWIN

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processing and/or in use. The application rate will depend on a number of factors including the application, the degree of protection required and effect of other additives. Typical use concentrations are 0.1-0.5%.

JADEWIN AO 80 is also recommended to be used in PU coatings.

#### **PACKING**

20Kg Drum, 25Kg Carton, 50KG Drum

#### **STORAGE**

Keep container tightly closed and dry and storage in cool place