

■ POLYMER ADDITIVES

JADEWIN UV 120

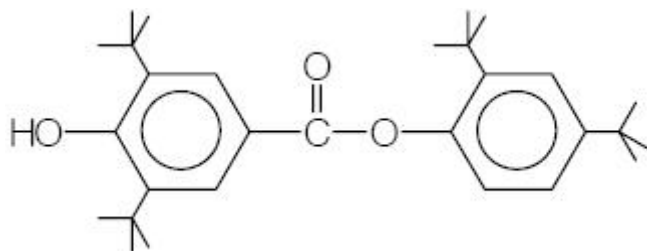
CHEMICAL COMPONENT

COMPONENT 2,4-Di-tert-butylphenyl 3,5-di-tert-butyl-4-hydroxybenzoate

CAS 4221-80-1

Molecular C₂₉H₄₂O₃

M.W 439



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE CRYSTALLINE POWDER
ASSAY	%	99.00MIN
MELTING POINT	°C	193.00MIN
ASSAY	%	99.00MIN
VOLATILES	%	0.50MAX
ASH	%	0.10MAX
TRANSMITTANCE		
450nm	%	98.00MIN
ABSORBANCE		
425nm	%	0.30MAX
ACID VALUE	%	4.0MAX
COLOR		30.0MAX
PARTICLE		
10MESH	%	100
20MESH	%	95.00MIN
TGA:	260°C (5%) 275°C (10%) 315°C (50%)	



FEATURE AND APPLICATION

- * JADEWIN UV 120 is a substituted benzoate that absorbs ultraviolet radiation and through a reversible chemical rearrangement, dissipates the energy as heat.
- * Provides better initial color than benzotriazoles.
- * Exhibits a synergistic effect in combination with HALS. (Hindered Amine Light Stabilizer)
- * Can be used in combination with phenolic and phosphite antioxidants, and HALS for thermal and light stabilization in outdoor use – i.e. TPO bumper application.
- * Is recommended for use at levels of 0.2% ~ 1% in Polypropylene, Polyethylene, TPO,PVC, EVA, unsaturated Polyester ABS, AS, etc.
- * For additional information please consult the Material Safety Data Sheet.

PACKING

25Kg Carton Box

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS
Canada - DSL
EU - EINECS
China - IECSC
Japan - ENCS
Korea - ECL
USA - TSCA
Philippines - PICCS