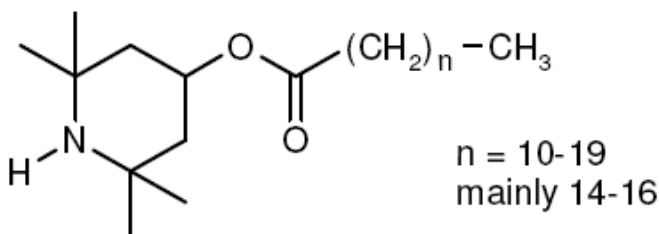


■ POLYMER ADDITIVES

JADEWIN UV 3853

CHEMICAL COMPONENT

COMPONENT	Fatty acids, C ₁₂₋₂₁ and C ₁₈ -unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters
CAS	167078-06-0
Molecular	C ₂₇ H ₅₃ NO ₂
M.W	352



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE WAXY SOLID
ASSAY	%	98.00MIN
MELTING POINT	°C	28.00MIN
ASH	%	0.50MAX
TRANSMITTANCE		
425nm	%	75.00MIN
450nm	%	85.00MIN
SAPONIFICATION VALUE	MgKOH/g	128-137

FEATURE AND APPLICATION

* **JADEWIN UV3853** is a hindered amine light stabilizer (HALS) which is effective in a broad range of polymers and applications, including PP film/tape/injection molding applications, TPO, and PE film/tape/injection molding.

* **JADEWIN UV3853** can also be used for the light stabilization of polyacetals, polyamides, styrenic polymers, and PUR.

* End use applications of **JADEWIN UV3853** including PP and TPO automotive parts, TPO roofing



membranes, PE crates, and PP outdoor furniture.

* **JADEWIN UV3853** shows a performance synergy with other light stabilizers, especially high molecular weight HALS (e.g. **JADEWIN LS944**, **JADEWIN LS 119**) and benzoates (**JADEWIN UV 328**), and UV absorbers.

Features

- Outperforms other HALS in polyolefin substrates in terms of color stability, gloss retention, and property retention
- Superior solubility and compatibility with polyolefins, for fewer problems relating to exudation (“blooming”) than other low molecular weight HALS
- Synergistic performance with high molecular weight HALS, benzoate light stabilizers, and UV absorbers
- Low volatility and excellent resistance to migration
- Extensive food contact clearances

For additional information please consult the Material safety Data Sheet

PACKING

25Kg DRUM

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS
Canada - DSL
China - IECSC
Japan - ENCS
New Zealand - NZIoC
Korea - ECL
USA - TSCA
Philippines - PICCS