



## CSFC TAIWAN ENTERPRISE CORPORATION

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### CSFC 770 Specification

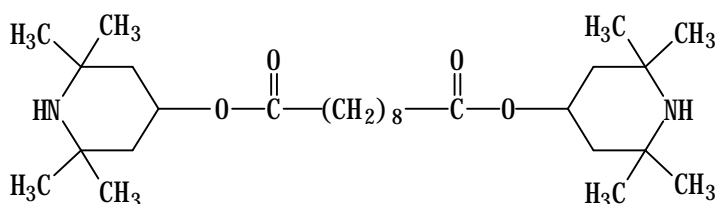
### UV stabilizers

**Chemical Name** Decanedioic acid bis(2,2,6,6-tetramethyl-4-piperidinyl)ester

**Molecular Formula** C<sub>28</sub>H<sub>52</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight** 480.7

**Structure**



**CAS Number** 52829-07-9

**Specification** Appearance White crystal or powder

Melting point °C 80-86

Assay (G.C. Method) % 99.0% min

Ash % 0.1 % max

Loss on drying %  
(105°C, 2hrs) 0.2 % max

Transmittance %  
425 nm 98.5 min.  
500 nm 99.0 min.

**Packing** 25 kg net/paper carton

**Applications** Hindered amine light stability agent. It is used in anti photo oxidation of polyethylene, polypropylene and polystyrene products, also has good function to ABS resin and polyurethane plastics.

Edition Date: September, 2000

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