

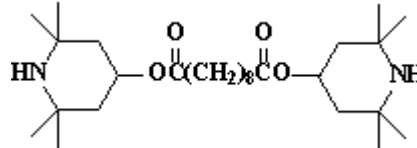


TiangangTM HS-770

Hindered Amine Light Stabilizer (HALS)

Chemical name Bis(2,2,6,6-tetramethyl-4-piperidyl)-sebacate
CAS number 52829-07-9

Structure



Description

HS-770 is a highly effective radical scavenger that protects organic polymers against degradation caused by exposure to ultraviolet radiation. It is widely used in a variety of applications including polypropylene, polystyrene, polyurethanes, ABS, SAN, ASA, polyamides and polyacetals. Its high effectiveness as a light stabilizer makes it well suitable for applications in both thick section and films, independent of the thickness of the articles. Combined with Tiangang's other HALS products, HS-770 displays strong synergistic effects.

Typical properties

	Appearance	Molecular weight	Specific gravity, g/ml@ 20°C	Melting range °C	Flash point °C
HS-770	White crystalline granules	481	1.05	81 ~ 85	> 150

Solubility @ 20°C (g/100 ml solvent)

	Water	Hexane	Methanol	Acetone	Ethyl acetate
HS-770	0.001	5	38	19	24

Safety & handling

HS-770	The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials.
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