

PowerStab™ 856 Light Stabilizer

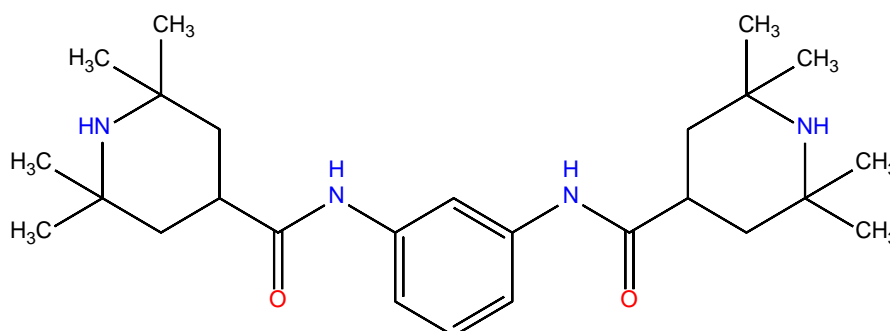
Introduction PowerStab™ 856 is a new multifunctional nylon additive that combines several beneficial properties in one molecule.

Chemical Name N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)isophthalamide

CAS Number 42774-15-2

EINECS Number 419-710-0

Chemical Structure



Chemical Formula C₂₆H₄₂N₄O₂

Molecular Weight 442.65

Physical Properties

Appearance	White Crystalline powder
Melting point [°C]	270-274
Purity (%)	Min.98.0
Loss in weight [N2, 10°C /min]	10% (354°C)

Solubility

Solubility [20°C]	% w/w
Water [30°C]	0.139
Dimethylacetamide	110
Acetic acid	250
Caprolactam [75°C]	Min.5.0

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Benefits & Applications

PowerStab™ 856 is resistant to the reductive environment of nylon melts, dueing to its unique molecular structure.

PowerStab™ 856 can act as a melt stabilizer and processing modifier.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerStab™ 856 is supplied in 20Kg carton box.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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