

Hindered amine light stabilizer Palst-770

Chemical name: Bis-(2, 2, 6, 6-tetramethyl-4-piperidyl) Sebacate

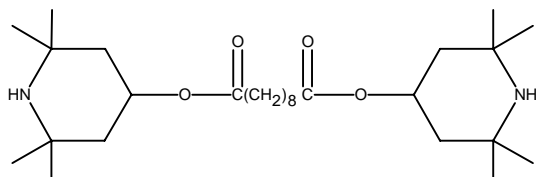
Equivalent: Tinuvin 770 (Ciba SC) /Lowilite 77 (Chemtura)/ Uvinul-4077 (BASF)

Molecular formula: C₂₈H₅₂N₂O₄

Molecular weight: 480.73

CAS No.: 52829-07-9

Structural formula:



PHYSICAL PROPERTIES

Appearance: White crystalline powders or granules

Flash point: Not available

Melting range: 81 ~ 85 °C

Specific gravity (g/cm³), @20 °C:1.05

Solubility (g/100g solvent), @20 °C

Water: Insoluble

Chloroform: 18

Acetone: 19

Ethyl ether: 24

Methanol: 38

SPECIFICATIONS

Appearance: White crystalline powders or granules

Volatile: 0.2% max

Assay: 99.0% min

Transmittance (425nm): 98.0% min

Melting point: 81.0 ~ 85.0 °C

Transmittance (500nm): 99.0% min

Ash: 0.1% max

APPLICATIONS

Palst-770 is used in PP, PE, PS, PU, ABS resins. Optimum effects are obtained when used together with antioxidants and UV-absorbers.

PACKING

25kg/bag