

# UV Stabilizer

## Type: 783

**Product Name:** UV Stabilizer 783

**Chemical Name:** 50% HALS 944+50% HALS 622

**Formula:**  $[C_{35}H_{66}N_8]_n$  (n=4-5);  $H[C_{15}H_{25}O_4N]_nOCH_3$

**CAS NO.** 70624-18-9(944)+65447-77-0(622)

### Features and Application Area:

783 is a synergistic mixture of HALS 944 and HALS 622. 783 is an excellent light stabilizer with lasting stabilizing effect against light and heat, low volatility, extraction resistance, particularly effective in PP fiber, tape, thin, and thick LLDPE, LDPE products.

Main used for Woven Bags, electrical appliances, functional films, drip Irrigation belts, geomembranes, waterproof clothes.

Material: PP, ABS, TPE, PE, EVA, EPDM, TPU, PA.

### Specifications:

Appearance: White powder or light-yellow granules

Melting Range: 55-130°C

Volatile Matter:  $\leq 0.5\%$

Relative Density: 1.11g/cm<sup>3</sup>

Light Transmittance: 425nm:  $\geq 90.0\%$ ; 450nm:  $\geq 93.0\%$

Ash Content:  $\leq 0.1\%$

Solubility: Soluble in acetone, ethyl acetate. Insoluble in water

**Pack & Storage:** 25kg/carton or as customer's requirement. 500kgs/pallet.

**Quantity:** 10mts/20'fcl with pallet or 12mts/20'fcl without pallet.

**Cautions:** Avoid direct sunlight, moisture, high temperature, substances with sulfur or halogen such as some stabilizers, flame retardants and pesticides. Testing required before use.