

# UV Stabilizer

## Type: 622

**Product Name:** UV Stabilizer 622

**Chemical Name:** Poly(4-hydroxy-2,2,6,6-tetramethyl-1-piperidine ethanol-alt-1,4-butanedioic acid)

**Formula:**  $H[C_{15}H_{25}O_4N]_nOCH_3$

**CAS NO.** 65447-77-0

**Features and Application Area:** 622 is a high molecular HALS with low volatility, migration resistance, high temperature resistance etc, has synergetic effect with antioxidants and UV absorbers.

Material: PP,PC, PE, TPU,PU,EVA,PA.

### Product Description:

Main used for Geomembranes, Sunshade Nets, Elastomers, Artificial Turf, Wood-Plastic Composite, Synthetic Rattan.

### Specifications:

Molecular Weight: 2500min

Appearance: White coarse or pale yellow granules

Melting Point: 50-70°C

Volatile Matter: ≤0.5%

Relative Density: 1.18g/cm<sup>3</sup>

Weight Loss Point: 350°C(5.0%)

Light Transmittance: 425nm: ≥93.0%; 450nm: ≥95.0%

Ash Content: ≤0.1%

Solubility: Soluble in acetone, toluene, xylene, ethyl acetate, ethanol, chloroform, slightly soluble in methanol. 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.