

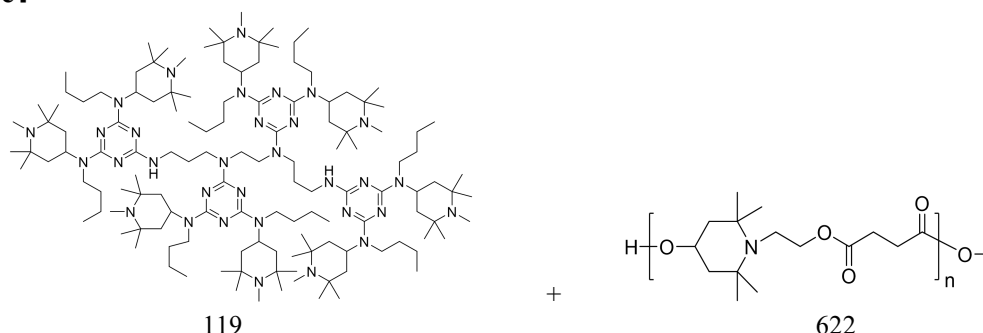
# Technical Data Sheet

## Light stabilizer 610 (HALS)

**Chemical Name:** Light stabilizer 610 (compound light stabilizer)

**CAS NO.:** 106990-43-6 (LS 119) + 65447-77-0 (LS 622)

**Structure:**



### Features

Light stabilizer 610 is a kind of compound hindered amine light stabilizer, with low alkaline, low volatility, migration resistance, and high temperature resistance. It has good compatibility with most of polymers.

### Applications

The product is suitable for polyolefin materials with a better anti-aging effect even in the acidic environment. It especially has acid resistance effect (acid pesticides and other acid substances) in agricultural film, effectively extend the service life.

### Typical properties

<b>Appearance</b>	White to light yellow solid
<b>Light transmittance</b>	≥85% (425nm)    ≥87% (450nm)    ≥90% (500nm)
<b>Melting point</b>	120-135°C
<b>Chroma</b>	≤100 Hazen
<b>Loss on drying</b>	≤0.5%
<b>Ash</b>	≤0.1%
<b>Chlorine content</b>	≤800mg/kg

### Package & Storage

**Package:** 25kg carton inner with plastic bag or as customer's requirement.

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

### Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.  
 All safety information is provided in the Safety Data Sheet.