

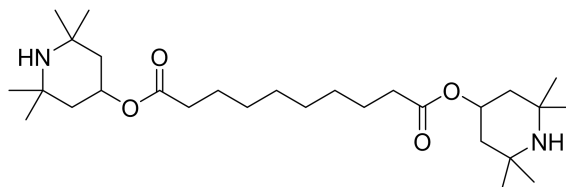
# Technical Data Sheet

## Light stabilizer 770 (HALS)

**Chemical Name:** Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

**CAS NO.:** 52829-07-9

**Structure:**



### Features

Light stabilizer 770 is a low molecular weight hindered amine light stabilizer. It has synergetic effect with antioxidants and UV absorbers.

### Applications

The product is suitable for polypropylene, impact modified PP (TPO), EPDM, polystyrene, impact polystyrene, ABS, SAN, ASA, polyurethanes, and is also effective in polyamides and polyacetals. It can often be used with other light stabilizers, antioxidants and UV absorbers, to further improve the anti-aging effect of materials.

### Typical properties

<b>Appearance</b>	White powder or granules	
<b>Purity</b>	≥99.0%	
<b>Light transmittance</b>	≥98.5% (425nm)	≥99.0% (500nm)
<b>Melting point</b>	82-85°C	
<b>TMP content</b>	≤0.3%	
<b>Loss on drying</b>	≤0.5%	
<b>Bulk density</b>	450g/l-600g/l	
<b>Ash</b>	≤0.1%	

### 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.