

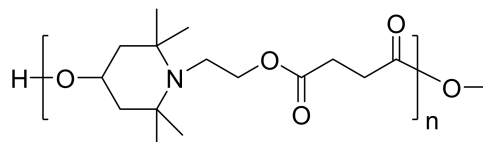
Technical Data Sheet

Light stabilizer 622 (HALS)

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

CAS NO.: 65447-77-0

Structure:



Features

Light stabilizer 622 is a polymeric high molecular weight hindered amine light stabilizer, with low volatility, migration resistance, low alkalinity and high temperature resistance. It has synergetic effect with antioxidants and UV absorbers.

Applications

It is effective in a broad range of polymers and applications. The product is particularly usefully in PE applications (injection molding, rotational molding, film, and tape), EVA, PP fibers, polyurethanes, polyacetals, polyamide, elastomers, adhesives etc. It is usually used in combination with antioxidants, UV absorbers to optimize performance in outdoor use.

Typical properties

Appearance	White granules or powder	
Light transmittance	≥97.5% (425nm)	≥99.0% (500nm)
Melting point	≥55C	
Loss on drying	≤0.5%	
Ash	≤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.