

HALS

Meaning: HALS (Hindered Amine Light Stabilizers) are chemical compounds used in materials to enhance thermal stability and prolong the lifespan of outdoor plastics by preventing degradation from UV exposure.

1. HALS are often used in high-performance applications due to their excellent thermal stability.
2. The development of HALS has greatly contributed to the longevity of outdoor plastics.
3. Researchers are exploring new formulations of HALS to enhance their effectiveness in various environments.
4. Many manufacturers rely on HALS to protect their products from UV degradation.
5. The addition of HALS can significantly improve the weather resistance of coatings and films.

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