



# Polymer Stabilizers

It's all about **the chemistry™**

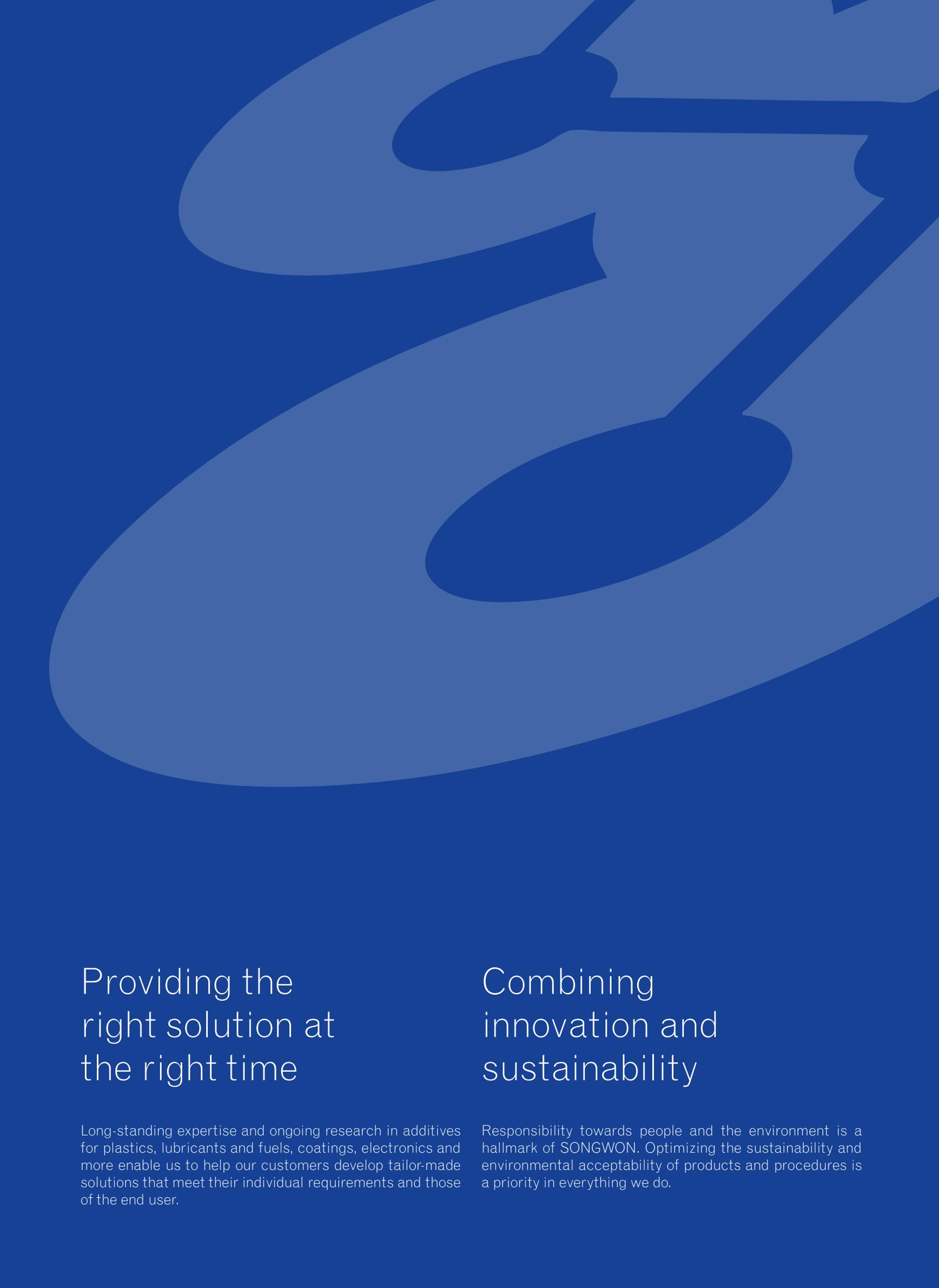




## Creating value for customer and consumer

At SONGWON, we are passionate about people. Our committed teams work together with customers to drive new opportunities and set new trends that add value throughout the chain, from manufacturer to end user.

Our clients benefit from a global framework combined with readily accessible local organizations, including customer service offices and technical support centers in numerous different countries. Wherever they are in the world, our customers can reach us easily and count on our availability at all times.



## Providing the right solution at the right time

Long-standing expertise and ongoing research in additives for plastics, lubricants and fuels, coatings, electronics and more enable us to help our customers develop tailor-made solutions that meet their individual requirements and those of the end user.

## Combining innovation and sustainability

Responsibility towards people and the environment is a hallmark of SONGWON. Optimizing the sustainability and environmental acceptability of products and procedures is a priority in everything we do.



# Polymer Stabilizers

## Polymer stabilizers protect plastics during manufacture and use

Thanks to light weight, cost effectiveness, flexibility and ease of processing, plastics are being used on an increasing scale in a wide and ever-growing variety of industries and applications. To prevent degradation when exposed to heat, cold and light, plastics require stabilization. Specially designed stabilizers protect the polymer during processing and ensure that plastic end products retain their physical properties during use, prolonging their life.

SONGWON offers a comprehensive range of processing, heat and light stabilizers in a variety of blends and physical forms that facilitate handling and application.

SONGWON's polymer stabilizers include:

- Antioxidants, Binary Blends & Thioesters that prolong the life of plastics.
- Stabilization Solutions that solve a number of key issues during processing, conversion and end-use life cycles.
- Hindered Amine Light Stabilizers (HALS) that neutralize harmful UV radiation.
- UV Absorbers & Hydroxybenzoates that convert harmful UV rays into heat.
- One Pack Systems (OPS) that enhance processing efficiency and accuracy in dosing.

## SONGWON develops, manufactures and supplies polymer stabilizers for a wide range of industries and applications

Agricultural films and plastics designed for applications such as greenhouses, tunnels, mulches and irrigation systems require protection against high UV radiation, extreme temperatures and chemicals used for crop protection.

In the automotive sector, high-performance plastics are essential, both inside and outside the vehicle: seats, roof linings, dashboards, steering wheels, fuel systems as well as fenders, headlamp covers and other exterior parts that are exposed to extreme conditions of light and temperature.

The building & construction industry is using plastic materials on an increasing scale to replace other materials in a wide variety of applications, including insulation, windows and doors, flooring, roofing, stadium seats, as well as gas and water pipes, decking, fencing and much more.

Coatings protect color and prolong the life of plastic films, plastic parts and special composites in the automotive and transportation, construction, decorative and architectural, furniture and flooring, industrial and agricultural industries.

Ground-breaking advances in additives enable the fast developing electrical & electronics industry to use plastics in a vast array of applications, ranging from cables and computers, washing machines and microwave ovens to photovoltaics.

Synthetic textiles & fibers for applications such as apparel, carpet, upholstery, automotive interiors, nonwovens and geotextiles require protection from heat and light during manufacture and in use.

A wide variety of additives enhance the appearance of plastic packaging, while others help to protect content and prolong shelf life.





For further information, please go to:

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