



SONGXTEND® 1105

Stabilizer for
chromium-type HDPE
blow molding
resins

SONGWON is a reliable expert in the stabilization of chromium-type high-density polyethylene (Cr-HDPE) blow-molding resins.

Thanks to their excellent physical and technical properties, SONGXTEND® stabilizer solutions are widely used by resin producers in numerous applications, including packaging for personal care and pharmaceutical products, household cleaners and detergents.

It's all about **the chemistry™**

 **SONGWON**

Resin producers benefit from SONGWON's long-standing expertise in polyethylene stabilization

Demanding requirements met



- Easy processing
- Broader processing window
- Improved initial color

Technical expertise at hand



- Testing laboratory in South Korea
- Technically advanced, customized stabilizer formulations
- Dedicated local support centers

Proven reliability



- More than 50 years' manufacturing experience in South Korea
- Backward integration of key raw materials
- Global sales organizations in Asia, Europe and North America

Strong commitment



- Continuous innovation to meet new industry standards

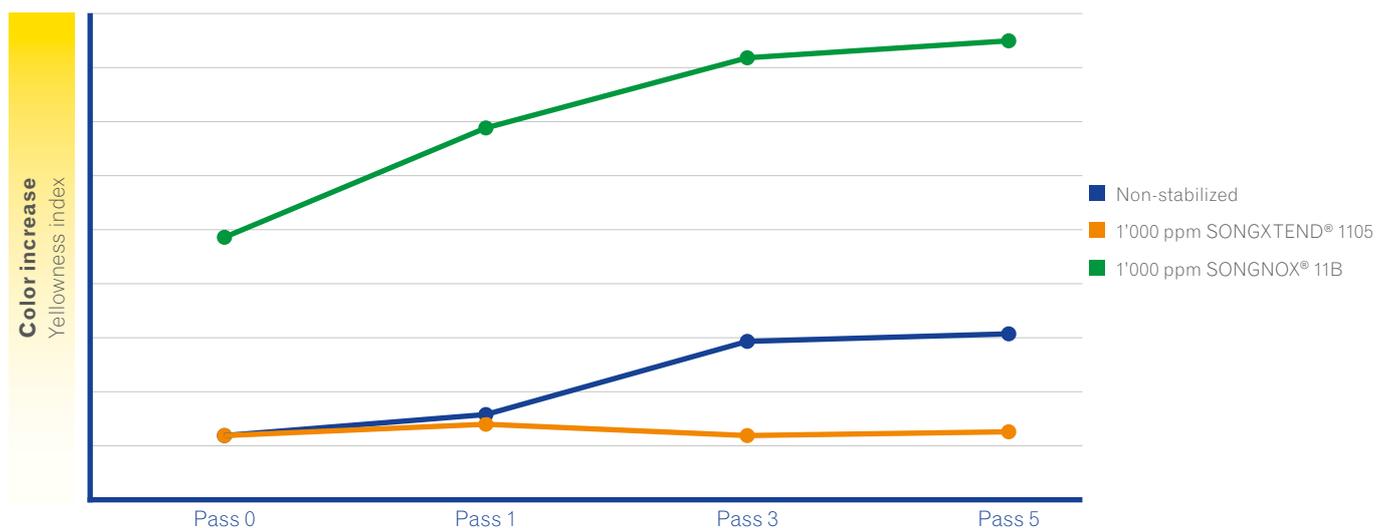
SONGXTEND® 1105 stabilizer covers a wide variety of requirements in Cr-HDPE blow-molding resin stabilization.

Numerous manufacturers around the world are now using Cr-HDPE blow molding resins, which are designed for applications requiring excellent stiffness and stress-crack resistance.

Some resin producers offering Cr-HDPE blow molding resins, however, have experienced color problems.

SONGXTEND® 1105, a new blend based on a phenolic antioxidant and a high-performance phosphite, addresses the need for color improvement. SONGXTEND® 1105 shows excellent hydrolytic stability compared to some other high performance phosphites used alone or in blends.

Color development of Cr-HDPE during multiple-pass extrusion



Color comparison (0 vs 5 passes)



Storage conditions



SONGXTEND® stabilizers are supplied in powder (PW) and free flow (FF) form.

The material should be stored indoors, in closed containers, in a dry place at temperatures between 5 and 40°C.

Exposure to direct sunlight should be avoided.

Shelf life



SONGXTEND® stabilizers are stable for 12 months, provided they are stored under the conditions described above.



Check out our
official website



Check out our
WeChat account

For further information, please go to:

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SONGWON provides customers with warranties and representations as to the chemical or technical specifications, compositions and/or the suitability for use for any particular purpose exclusively in individual written agreements.

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