

SONGXTEND® 1301
For expanded and
extruded polystyrene
containing polymeric
flame retardants

SONGWON is a leading specialist in
the stabilization of polystyrene foams.

Expanded (EPS) and extruded (XPS, XEPS) polystyrene that contains polymeric flame retardants requires special stabilization to safeguard the polymeric flame retardant and prevent discoloration during processing.

Thanks to its excellent physical and technical attributes, new SONGXTEND® 1301 provides the required protection, thereby improving the performance of the end-product.

It's all about **the chemistry™**

 **SONGWON**

Converters benefit from SONGWON's long-standing expertise in stabilization

Wide range of polymer stabilizers



High processing stability thanks to effective protection of molecular weight during melt conversion

Minimal discoloration during melt conversion

EHS and REACH standards met

Comprehensive technical expertise



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 organization and distribution channels in Asia, Europe, and North America

Strong commitment



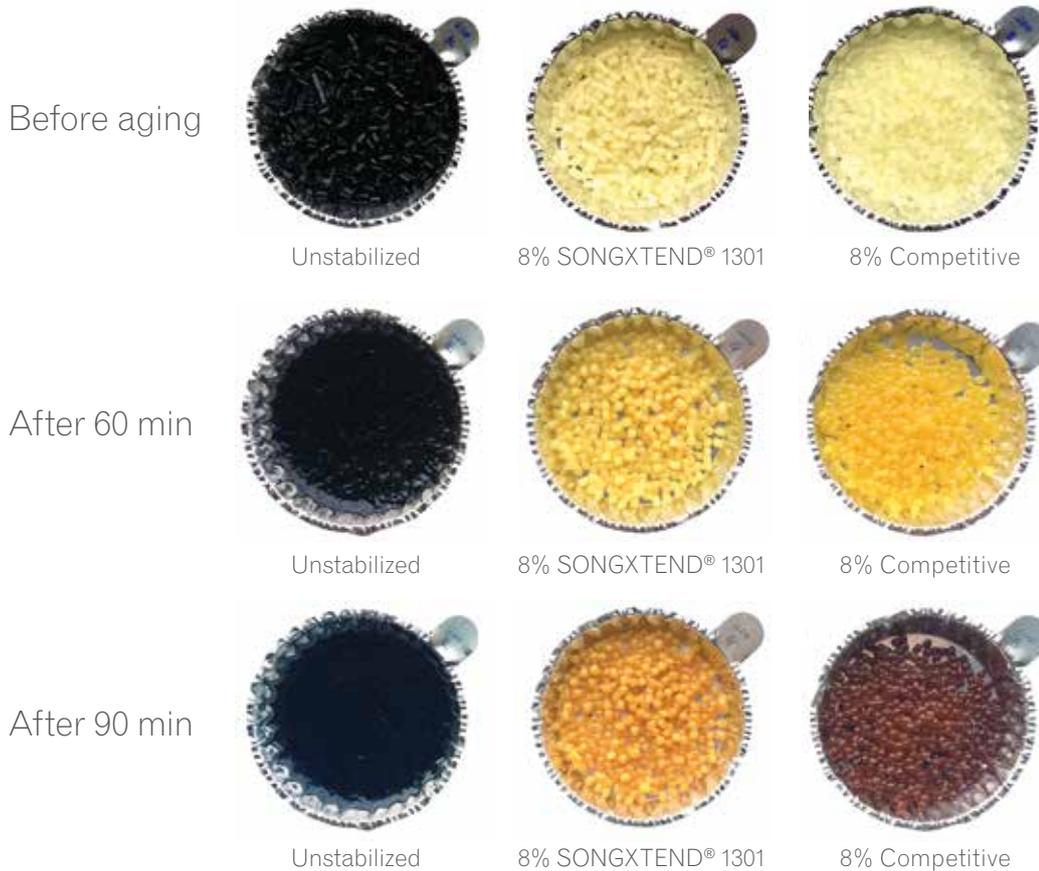
Continuous innovation to meet new industry standards

SONGXTEND® 1301 is suitable for use in the manufacture of masterbatches that contain polymeric flame retardants, generating significant value for manufacturers and increasing the safety of end products.

SONGXTEND® 1301

- ☞ Satisfactorily supports replacement of hexabromocyclododecane (HBCD), which is now banned in many countries.
- ☞ Maintains the molecular weight and color of EPS and XPS/XEPS compounds and masterbatches containing polymeric flame retardants.
- ☞ Provides a broader processing window than current state of the art stabilizers.
- ☞ Is effective in low amounts.

40% polymeric flame retardant masterbatch



Oven aging at 210°C; SONGXTEND® 1301 performs better than competition sample

Storage conditions



SONGXTEND® 1301 is supplied in dust-free granular form (GR). It is packed in 20-kg aluminum liner bags or 500-kg big bags with aluminum liners, which, once open, should be resealed to protect the contents.

The product should be stored in a cool and dark place.

SONGXTEND® 1301 is stable for 12 months, provided it is stored under the conditions described above.



For further information, please go to:

www.songwon.com

techservice@songwon.com

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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Please be aware that the use of the product in certain applications may be subject to patent protection in some countries.

Please consult your SONGWON representative for more information.