SONGNOX® 1330
Versatile stabilizer for a wide range of polymer applications

SONGWON is a leading specialist in the stabilization of plastics.

Thanks to its excellent physical and chemical properties, SONGNOX® 1330 phenolic antioxidant is successfully used in a wide range of polymer applications.

A valuable combination of high processing stability, excellent resistance to extraction and low volatility makes SONGNOX® 1330 the product of choice for numerous specialty as well as standard applications.

It’s all about the chemistry™
Resin producers benefit from SONGWON’s extensive experience in the stabilization of plastics.

SONGNOX® 1330 in a nutshell
- Excellent processing stability
- Good long-term thermal stability
- Low extractability
- Reduced water carryover
- FDA-approved for indirect food contact applications

Proven reliability
- More than 50 years’ manufacturing experience in South Korea
- Backward integration of key raw materials
- Global sales organization channels

Technical expertise at hand
- Global testing laboratory network
- Technically advanced, customized stabilizer formulations
- Dedicated local support teams

Strong commitment
- Continuous innovation to meet new industry standards

With its low volatility, low polarity and excellent dielectric properties, SONGNOX® 1330 specialty phenolic antioxidant generates significant value for resin producers, masterbatchers, compounders and converters.

SONGNOX® 1330
- is highly suitable for polyolefin water pipes thanks to its resistance to hydrolysis and water extraction.
- is recommended for bi-axially orientated polypropylene (BOPP) applications because it offers wider processing windows and higher line speeds than conventional products.
- is ideal for polypropylene raffia as a result of minimal color development during extrusion and fast tape extrusion line speeds because of less water carryover.
SONGNOX® 1330
Applications and benefits

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<th>Polymer</th>
<th>End uses</th>
<th>Properties</th>
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<tr>
<td>Polypropylene</td>
<td>Tape</td>
<td>Excellent thermal stability and long service life</td>
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<td></td>
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<td>Low water carryover (W-C-O)</td>
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<tr>
<td>Polyethylene</td>
<td>Cable insulation,</td>
<td>Good color and medium long-term thermal stability</td>
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<td>pipes, caps</td>
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<td>Polyolefins</td>
<td>Various</td>
<td>Highly effective degradation control</td>
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<td>No absorption by filler</td>
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Products forms

SONGNOX® stabilizers are supplied in powder (PW) or free flow (FF) form.

Storage conditions

The materials 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

SONGNOX® 1330 is stable for 36 months, provided it is stored under the conditions described above.
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.

The facts and figures contained herein have been carefully compiled to the best of SONGWON’s knowledge but are essentially intended for informational purposes only.

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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.

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