



## SONGWON showcases its approach to mechanical recycling at K 2022

**Ulsan, South Korea – October 19, 2022** – At the K 2022, Songwon Industrial Co., Ltd., the world's 2<sup>nd</sup> largest manufacturer of polymer stabilizers and a key global player in the specialty chemicals business is showcasing its latest mechanical recycling stabilization approach for polyolefins (POs) and reaffirming its drive to deliver sustainable solutions to the industry.

With the emphasis on sustainability continually growing, mechanical recycling of PCR (post-consumer recycled) has become an essential process in the circular economy that demands more sophisticated technologies. To address the rapidly increasing demand for sustainable solutions related to design, performance, recycling and lifecycle of plastics, SONGWON is making a significant contribution to the mechanical recycling industry with its range of re-stabilization antioxidants, presented at K 2022.

SONGWON has adopted a pragmatic approach to solving recycling challenges and focused on sustaining the properties of most PCR plastics through re-stabilization. Although antioxidants are not generally used in the post-consumer recycling (PCR) of polyolefins, SONGWON's family of SONGNOX<sup>®</sup> Binary Blends (primary and secondary antioxidants) was specially evaluated for the mechanical recycling of polyolefins. SONGWON's blends improve processing as well as long-term thermal stability and, in this way, make it possible for mechanical recyclers to offer improved, cost-efficient recycling resins.

“When no stabilizers are added during processing, the melt-flow characteristics of mechanically recycled polypropylene change rapidly, sometimes so drastically that it results in poor processing and the loss of mechanical properties. In such situations re- stabilization is recommended,” explains Thomas Schmutz, Leader Global Technical Service, Testing & Application Development. “SONGWON’s Binary Blends work surprisingly well in the mechanical recycling of polyolefins, are generally sufficient to protect the polymer during processing and subsequently lead to better quality and cost efficiency.”

For more information on SONGWON’s mechanical recycling solutions, visit Hall 6, Booth B07 at K 2022 from 19.10.2022 - 26.10.2022 in Düsseldorf, go to: [www.songwon.com](http://www.songwon.com) or download our Sustainability Brochure.



#### **About Songwon Industrial Co., Ltd.**

A leader in the development, production and supply of specialty chemicals, SONGWON’s products touch your life every day, everywhere. Since 1965, we’ve been driving innovation, partnering for progress and paving the way for a better more sustainable tomorrow with 360° customized solutions.

Headquartered in South Korea, SONGWON is the 2<sup>nd</sup> largest manufacturer of polymer stabilizers worldwide. With Group companies and world-class manufacturing facilities across the globe, we are dedicated to providing customers in over 60 countries with high-performance products that meet their individual needs and the best levels of service.

For further information, please go to: [www.songwon.com](http://www.songwon.com).

## Photo Caption

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(Photo: Songwon Industrial Co., Ltd.)

This press release and relevant photography can be downloaded from [www.PressReleaseFinder.com](http://www.PressReleaseFinder.com).

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