



Struktol Company of America, LLC

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FOR IMMEDIATE RELEASE

Struktol Company of America Introduces Advanced Odor Control Solutions RP 17 and RP 53 for Sustainable, High-Performance Manufacturing

Engineered additive solutions optimize processing, improve quality, and enable greater recycled content use

[Struktol Company of America, LLC](#), a leading innovator in polymer additive technology, is proud to highlight its combination products RP 17 and RP 53, specially engineered to deliver exceptional odor control performance while advancing processing efficiency and sustainability in manufacturing environments. These advanced additives are designed to support the increasing demand for high recycled content and compliance with stringent quality standards.

RP 17 and RP 53 are proprietary blends formulated to provide effective and tailored odor control across a wide range of polymer systems without disclosing sensitive formulation components. RP 17 is a white pastille with a 105–120 °C dropping point and a specific gravity of 0.94, offering consistent melt behavior and seamless integration into processing lines. RP 53, an off-white pastille with a 100–130 °C dropping point and a specific gravity of 1.07, provides enhanced versatility across diverse temperature conditions, making both products suitable for broad industrial use.

Highly effective in compounding, extrusion, and molding of polypropylene (PP), and polyethylene (PE), these additives are compatible with post-industrial and post-consumer recycled streams (PIR, PCR), helping processors increase the use of recycled content by neutralizing or masking associated odors. RP 17 functions primarily as an odor mask to improve the final product's scent, while RP 53 acts as a powerful odor neutralizer that offers clean, effective results. Both products have demonstrated reliability in plain recycled PE and PP, as well as in rubber systems, expanding their applicability to a wide range of thermoplastic and elastomeric systems.

Users benefit from formulation flexibility, with typical plastic dosages between 0.5% and 3%, and rubber dosages ranging from 2% to 5%, enabling precise odor control tailored to specific processing conditions and material needs. Both RP 17 and RP 53 have demonstrated effectiveness even at low loading levels—as low as 0.25% in some applications—offering cost-efficient performance without compromising results. Both products are storage stable for at least two years under normal conditions, and available in scalable packaging options including 55 lb. bags/2,200 lb. skids and 25 kg bags/1,000 kg skids, supporting lab, pilot, and full-scale manufacturing environments.

RP 17 and RP 53 tackle odor issues intensified by high processing temperatures in applications such as underhood components and interior trim. Manufactured under ISO 9001:2015 certified operations, customers are assured of product consistency and compliance with international quality standards. Critically, these additives also support sustainability initiatives by enabling the use of 100% recycled content compounds without compromising the end-product's sensory or physical quality.



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RP 17 functions as a process lubricant and mold release agent, improving processability, reducing plate-out, easing part release, and minimizing equipment cleaning needs. Both additives enhance the dispersion of fillers and recycled content, reduce overall mixing and processing times, and contribute to improved surface finish and physical properties for appealing, high-performance final products.

Engineered with low chloride content and a low-dust formulation, RP 17 and RP 53 offer safer and cleaner handling in manufacturing, while their effectiveness at low loading levels minimizes costs and supports leaner formulations. RP 53 also targets difficult odor compounds including mercaptans, amines, and phosphites, and features VOC absorption properties that meet tough environmental regulations.

Struktol's RP 17 and RP 53 represent a comprehensive solution for modern manufacturing demands, combining superior odor control, processing efficiency, and sustainable performance across a variety of polymer and elastomer applications.

To learn more about Struktol's RP 17 and RP 53 email info@struktol.com, call 330-928-5188, or visit www.struktol.com.

ABOUT STRUKTOL:

Struktol Company of America, LLC is proudly part of the Schill+Seilacher group, with a global presence spanning over 100 countries. We specialize in manufacturing a comprehensive range of additives designed for use in natural and synthetic rubber, plastic, and WPC compounds. Struktol additives are meticulously crafted to enhance processability across all stages of production. At Struktol, we approach the rubber and plastic additives industry with an unwavering commitment to innovation. Our solutions promise increased productivity, superior part quality, and reduced overall costs. Moreover, our dedication to exceptional customer service sets the industry standard.

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*Our Quality Management System has
ISO 9001:2015 with Design Certification*

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