



Struktol Company of America, LLC

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FOR IMMEDIATE RELEASE

STRUKTOL® FM 126 Delivers Fast Mix and Full Performance for Rubber Compounding Operations

New processing additive streamlines mixing stages, enhances filler dispersion, and maintains compound performance across a wide range of elastomers

[Struktol Company of America, LLC](#), a leading innovator in polymer additive technology, is proud to introduce STRUKTOL® FM 126, a specially formulated processing additive designed to give rubber compounders faster, more efficient mixing without sacrificing end-product performance. Engineered for modern rubber manufacturing environments, FM 126 provides a purpose-built solution that tackles common mixing challenges and offers compounders a high-confidence way to improve processing while keeping existing formulations intact.

FM 126 improves rubber compound mixing efficiency by reducing overall mixing time, helping processors shorten mixing cycles, increase throughput, and better utilize existing mixing equipment capacity. By enabling mixing stage reduction or consolidation, the additive makes one-pass mixing possible in many formulations. This capability simplifies compounding workflows, reduces handling steps, and supports lower energy and labor costs in rubber production. FM 126 is designed to consolidate mixing stages so plants can move more material through their lines while maintaining consistent quality.

Delivering faster filler incorporation and enhanced dispersion of carbon black, silica, and other mineral fillers, FM 126 helps rubber manufacturers produce more uniform compounds within shorter mixing cycles. The additive achieves superior dispersion in a single pass, ensuring reinforcing agents are thoroughly distributed throughout the rubber matrix. As a result, processors gain more consistent physical properties, lower defect rates, and more reliable finished parts. With fillers incorporated and dispersed quickly and completely, manufacturers can reduce mixing time without sacrificing batch uniformity.

FM 126 effectively lowers compound viscosity and improves compound flow, making rubber compounds easier to process from mixing through downstream forming operations. Reduced viscosity helps lower mixer torque requirements and supports smoother flow into extrusion and molding equipment. Improved compound flow, combined with better surface finish on molded and extruded parts, gives processors a practical path to cleaner, more consistent components and less rework. These processing advantages are achieved while mechanical and dynamic properties are maintained, so compounders can gain efficiency benefits without sacrificing durability, fatigue resistance, or other critical performance characteristics in their finished products.

To support reliable production even as mixing stages are reduced, FM 126 improves compound scorch safety. The additive increases the processing safety margin and reduces the risk of premature vulcanization, helping ensure that compounds remain manageable throughout downstream

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

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processing. This added protection allows processors to confidently adopt shorter mixing times and one-pass strategies while maintaining dependable performance in subsequent operations.

FM 126 is suitable for a wide range of elastomers, including SBR, NR, BR, EPDM and others, giving manufacturers broad formulation flexibility across multiple product lines while allowing them to standardize on a single additive to support improved mixing and flow and simplify raw material inventories and purchasing. For optimum performance, FM 126 is recommended to be added together with the fillers during mixing, ensuring its effects on filler incorporation, dispersion, viscosity, and flow are fully realized in the compound. By combining faster mixing, mixing stage reduction and consolidation, faster filler incorporation, enhanced dispersion of key fillers, lower viscosity, improved flow and surface finish, maintained mechanical and dynamic properties, improved scorch safety, and broad elastomer compatibility, STRUKTOL® FM 126 delivers on its promise of “Fast mix. Full performance,” providing rubber processors with a comprehensive, production-ready solution for increasing efficiency and quality in their compounding operations within a single, streamlined processing aid.

To learn more about Struktol’s FM 126 processing additive, 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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