

NEWS RELEASE

FOR IMMEDIATE RELEASE

Colorcon, Inc. Launches Corelease™ OPL, Direct to Hopper Blend for Osmotic Pump Tablets

Ready formulated systems approach simplifies osmotic pump tablet development and manufacturing.

Harleysville, Pennsylvania, USA, 16 April 2024, Colorcon, a world leader in the development and supply of film coating systems, specialty excipients and functional packaging for the healthcare industries, launches Corelease OPL™ Controlled Release Osmotic Push Layer for osmotic pump tablets. This launch marks another innovative step in the company's commitment to advancing controlled release technologies for the pharmaceutical industry.

Corelease OPL™ is a direct-to-hopper push layer blend designed to simplify the direct compression process for bilayer push-pull osmotic pump (PPOP) tablets. These unique dosage forms are designed to provide a consistent zero-order drug release, offering significant benefits to patients in terms of safety, effectiveness, and ease of use when compared to other controlled release technologies.

Corelease™ OPL is set to simplify PPOP development and production with a streamlined approach to formulation design, while enhancing manufacturing efficiency. This novel approach combined with Corelease CA™ Formulated Osmotic Coating System, a one-step semipermeable membrane enhances consistency and efficiency in osmotic tablet production.

Dr Ali Rajabi-Siahboomi, VP & Chief Innovation Officer explains: “PPOP tablets commonly use polyethylene oxide PEO in the formulation, leading to the need for complex processing and cleaning steps in the manufacturing process which can be both time-consuming and complex. Opting for a fully formulated PEO-based push layer blend provides a more efficient solution for development and manufacturing. Using this novel blend, the number of processing steps, including milling, blending and granulating, is notably decreased, simplifying the production process and reducing the cleaning efforts related to the polymer”.

Beth Tran, Global Business Manager explains: “This direct-to-hopper approach introduces a straightforward solution, streamlining supply chain management, quality control and other processes to save time and simplify osmotic tablet production. The goal is to boost productivity, minimize time-to-market, and empower pharmaceutical manufacturers to attain heightened efficiency, all while maintaining consistency”.



This addition to the new range of controlled release formulated systems reaffirms Colorcon's position as an industry leader, dedicated to providing comprehensive solutions that drive efficiency, reliability, and success in pharmaceutical product development.

Company Information

Colorcon is a global leader in the development, supply and technical support of film coating systems, specialty excipients and functional packaging for the healthcare industries. Our best-in-class products and technologies are complemented by our industry knowledge and value-added services to support product development from concept to commercialization. Our focus on market issues and innovation has earned Colorcon an international reputation as a trusted supplier and partner. That reputation is based on superior product quality, unparalleled technical support, extensive regulatory assistance and reliable supply from multiple locations. Colorcon has sixteen manufacturing facilities including seven film coating plants, five functional packaging sites, twenty-six technical service laboratories globally and more than 2100 employees.

For more information, visit www.colorcon.com.

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