



News Release

Ashland announces Polyplasdone™ Plus multifunctional disintegrant for improved pharmaceutical process through-put

Wilmington, Del., June 20, 2023 - Ashland is introducing Polyplasdone™ Plus, a co-processed multifunctional direct compression superdisintegrant containing a glidant and lubricant. Saving time and simplifying development, the multifunctional disintegrant offers superior powder flow and lubrication during pharmaceutical manufacturing. This innovative product eliminates two manufacturing steps and simplifies equipment setup while simultaneously delivering improved tablet hardness and helping ensure the production of consistent, high-quality products in batch and continuous manufacturing.

“Polyplasdone™ Plus multifunctional disintegrant is another Ashland innovation that supports improvement in pharmaceutical excipient processing,” said Brandt Giffin, senior director, strategic marketing and new business development, Life Sciences, Ashland. “Through combined attributes, this new product improves both process productivity and product quality.”

Regarding parameter improvement, Polyplasdone™ Plus multifunctional disintegrant maximizes the capacity of equipment by increasing the powder flow function by 29 percent and the feed factor by 9 percent. “Ashland is responsibly solving for a healthier world by enabling one more step into the future of continuous manufacturing of pharmaceuticals,” said Thomas Durig, head of Life Sciences R&D and Innovation, Ashland.

The continued focus on improving manufacturing efficiency coupled with strong demand for the tablet dosage form is driving the use of high-speed tableting. Ashland’s innovative multifunctional direct compression disintegrant, Polyplasdone™ Plus multifunctional disintegrant, will help overcome development hurdles and improve process efficiencies due to low ejection force and enhanced flow properties, with no additional lubricant required.

Manufacturers can learn more during the Ashland global webinar on July 19, titled, [“Simplify formulation design and reduce manufacturing complexity with our new multifunctional disintegrant”](#).

To visit the Polyplasdone™ Plus multifunctional disintegrant web page, please click [here](#).

About Ashland

Ashland Inc. (NYSE: ASH) is a global additives and specialty ingredients company with a conscious and proactive mindset for environment, social, and governance (ESG). The company serves customers in a wide range of consumer and industrial markets, including architectural coatings, construction, energy, food and beverage, nutraceuticals, personal care, and pharmaceutical. Approximately 3,900 passionate,

tenacious solvers – from renowned scientists and research chemists to talented engineers and plant operators – thrive on developing practical, innovative, and elegant solutions to complex problems for customers in more than 100 countries. Visit ashland.com and ashland.com/ESG to learn more.

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