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Evonik received the 2020 Ringier Coating Technology Innovation Award for AEROSIL® Fumed Silica Dispersion VP. Disp. WF 7620

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Evonik has received the 2020 Ringier Coating Technology Innovation Award for its AEROSIL® Fumed Silica Dispersion VP. Disp. WF 7620, a new rheology control dispersion designed specifically for waterborne systems.

Waterborne coatings have gained a significant recognition globally due to eco-friendliness. However, how to improve the rheology performance of water-based coatings is one of the big challenges faced for the waterborne formulation. VP Disp. WF 7620 is the newest rheology control dispersion in the Evonik Coatings Additives portfolio. This dispersion was specifically developed to control the rheological properties of waterborne coatings.

Compared to other traditional thickeners and rheology control agents, VP. Disp. WF 7620 can be easily used in the water-based formulation and shows excellent rheology performance in water-based coatings, providing anti-settling effect in pigmented coating and anti-sagging effect in various applications. The product is ideally suitable for high-performance waterborne industrial coating applications, such as plastic, metal coatings and automotive coatings. It's especially recommended to be used via spray applications.

VP Disp. WF 7620 is very easy to use and handle. It can trigger quick and complete dispersion under water-based system, even under low shear conditions. This allows coating manufacturers to eliminate extra process steps such as pearl milling, which results in a faster, more efficient production process and a higher rheological effectiveness of coating products.

"VP Disp. WF 7620 is a great choice for coating manufacturers who want to improve rheology performance for water-based coatings," said Maximilian Morin, Head of Market Segment Industrials Coatings, Evonik Coating Additives "Its universal

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rheology control properties enable water-based coatings with an excellent stability in storage and anti-sagging properties in application, creating a new application area of our leading AREOSIL® product portfolio.”

“Evonik Coating Additives has a strong presence in China and Asia Pacific. The award-winning product VP Disp. WF 7620 represents Evonik’s continued commitment for the growing coating markets,” said Wei Yin, Vice President, Head of Evonik Coating Additives Asia Pacific, “We will continue to strengthen our coating business and support our customers through investment in research and development and also production capacity and capability expansion.”

Evonik Coating Additives business provides a wide range of specialty additives for the coatings and inks industry. The business boasts decades of experience in the research and development of novel products for a variety of coating markets, such as decorative coatings, industrial coatings, automotive coatings, and printing inks.

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €13.1 billion and an operating profit (adjusted EBITDA) of €2.15 billion in 2019. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. More than 32,000 employees work together for a common purpose: We want to improve life, day by day.

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