



packaging | flexible packaging

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NATURE'S HARVEST  
ORGANIC WHEAT CRACKERS

# Aquavate™ Bio

Biodegradable coatings for  
recyclable paper packaging

## Formulating solutions. Together.

Aquavate™ Bio-polymer dispersions deliver barrier and heat seal performance for flexible paper packaging while maintaining excellent recyclability through existing recycling streams.

Based on biodegradable polymer technologies, Aquavate™ Bio dispersions enable recyclable and compostable packaging solutions that help brand owners and converters reduce material impact without compromising performance.

By choosing Aquavate™ Bio based coatings for paper and food packaging, our customers actively reduce reliance on fossil-based plastics and multilayer structures that hinder recycling. The use of renewable, biodegradable polymer technologies helps improve overall material circularity, with solutions that are compatible with biodegradable or compostable packaging concepts where required.

Aquavate™ Bio enables brand owners, retailers and converters to reduce their overall material impact

— addressing recyclability, end of life performance and regulatory expectations — whilst delivering packaging that meets both the functional and environmental demands of today’s market.

The Aquavate™ Bio range comprises a number of dispersions based on synthetic, renewable and biobased compostable polymers which can be used individually or in combination to provide optimal packaging characteristics depending on the intended application.

	Product name	Solids [%]	Viscosity [mPas]	MST* [°C]	Food contact	Base chemistry	Product characteristics
Target substrate <b>Paper</b>	<b>Aquavate Bio SB 2377</b>	45	750	70	Y	Polycaprolactone (PCL)	Low temperature, fully biodegradable heat seal coating, very good O&GR
	<b>Aquavate Bio S 2381</b>	45	750	110	Y	Polybutylene adipate terephthalate (PBAT)	Fully biodegradable heat seal coating
	<b>Aquavate Bio SB 2383</b>	45	750	120	Y	Polyhydroxy alkanooate (PHA)	Biobased and fully biodegradable heat seal coating, very good A-A seal and excellent O&GR
	<b>Aquavate Bio SB 2386</b>	45	750	115	Y	Polylactic acid (PLA)	Fully biodegradable heat seal coating, very good A-A seal and good O&GR

\* measured at 0,5 sec and 4 bar, coating weight 5-6 gsm dry

## We are Paramelt

When your products depend on the consistent performance of waxes, adhesives, and coatings, reliability becomes essential. Today’s manufacturing challenges, from supply chain volatility to increasing regulatory and sustainability demands, require partners who respond with certainty and expertise. Many of the world’s most trusted brands rely on Paramelt for dependable quality, secure supply, and deep formulation knowledge in demanding applications. We collaborate closely, support your goals, and help you move forward.

We listen, adapt and deliver!

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