Aquavate™ Bio SB 2383

Product type

Aquavate™ Bio SB 2383 is a water-based dispersion, based on a fully biodegradable and high molecular weight thermoplastic synthetic polymer.

Application

Aquavate™ Bio SB 2383 has initially been designed as a heat sealable coating for paper packaging applications. Strong seals resulting in fiber tear can be obtained for both coating to coating and coating to paper seals. Good heat seal properties against biodegradable aliphatic polyesters (PLA, PHA, PBS, PHBH etc.) has also been observed. Next to that, Aquavate™ Bio SB 2383 has also shown good barrier properties on paper for oil and grease when applied at sufficient coating weight.

Product Characteristics

Technical Data	Specification*	Typical value	Method
Viscosity (20°C, spindle 3, 100 rpm)	100 - 1000 mPa.s		Based on ISO 2555
pH (20°C)	4.0 - 7.0		Based on ASTM E70
Appearance		White liquid	Visual
Solid content	43 - 48 %		Based on ISO 3251

* Technical release specifications.

Storage and usage

- For general guidance and regulatory support on the use of Aquaseal™ dispersions for heat seal and barrier applications please ask our technical department.
- Where Aquavate™ Bio SB 2383 is to be used as a functional additive, compatibility in the final formulation should be checked at laboratory scale before industrial use.
- Do not allow to freeze and keep away from direct sunlight.
- Aquavate™ Bio SB 2383 has a shelf life of 6 months in closed packaging when stored between 5 and 25°C.
- Due to the nature of the product, it is advised to properly agitate Aquavate™ Bio SB 2383 prior to use.
- Stock rotation should be practised.

Disclaimer

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