

BYK-3680

VOC- and PFAS-free surface additive, providing excellent anti-blocking performance for aqueous architectural paints and tint bases.

Not available in Europe.

Product data

Composition

Salt of a phosphoric acid ester

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	1.20 g/cm ³
Non-volatile matter (10 min, 150 °C):	37 %
Solvent:	water
Delivery form:	liquid

Storage and transportation

Product shelf life in unopened original packaging: 36 months
 To be stored and transported at a temperature below 40 °C.

Applications

Coatings industry

Special features and benefits

BYK-3680 provides anti-blocking performance in aqueous systems, with excellent early property development even at elevated temperatures as high as 120 °F (50 °C). The additive has no significant influence on the surface slip and at the same time does not reduce the gloss of the system. In addition, BYK-3680 shows an excellent color acceptance performance.

Recommended use

Architectural coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input type="checkbox"/>

especially recommended recommended

Recommended levels

0.25-1.0 % additive (as supplied) based on the total formulation for architectural paints and tint bases. Dosage ladder evaluation is strongly recommended, as a lower dosage may offer optimal performance in some systems.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

BYK-3680 can be added to the dispersion or ideally post-added during the let-down stage.



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