BYK-3935 P

PTFE-free surface additive for semi-gloss to deep matte fine textures in powder coatings.

Product data

Composition
Modified phyllosilicate

PTFE-free

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

Density (20 °C):	1.51 g/cm³
Particle size distribution D50:	17 µm
Particle size distribution D90:	42 µm
Delivery form:	powder

Storage and transportation
Product shelf life in unopened original packaging: 24 months
Temperature sensitive. To be stored and transported at a temperature below 50 °C.

Applications

Powder coatings

Special features and benefits

- Produces fine surface textures ranging from semi-gloss to deep matte
- Provides smooth haptic properties and good scratch resistance
- Wide range of applications; the gloss value can be precisely and individually adjusted by varying the dosage
- PFAS-/PTFE-free

Recommended use
The additive is recommended for all common powder coating systems.

Recommended levels
2-4 % additive (as supplied) based on the total formulation for semi-gloss surfaces
4-6 % additive (as supplied) based on the total formulation for deep-matte surfaces

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

Incorporation and processing instructions
The additive should be mixed with the binder, hardener, pigments, and other raw materials in a high-speed mixer. The powder coating should then be extruded.

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