

BYK-355

Polyacrylate-based surface additive for solvent-borne coating systems to improve leveling. For semi-polar to polar systems.

Product data

Composition

Solution of a polyacrylate

Typical properties

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

Density (20 °C):	1.01 g/cm ³
Non-volatile matter (30 min, 150 °C):	52 %
Solvent:	methoxypropyl acetate
Flash point:	45 °C
Delivery form:	liquid

Storage and transportation

Product shelf life in unopened original packaging: 60 months
 To be stored and transported at a temperature below 50 °C.

Special note

The additive is also available solvent-free under the name BYK-356.

Applications

Coatings industry

Special features and benefits

The additive is used as an anti-cratering and leveling additive in all solvent-borne coatings. It increases gloss and produces a long wave effect. It reduces the surface tension only to a slight extent, and does not impair the recoatability and intercoat adhesion. The additive is thermally stable.

Recommended use

Automotive refinish coatings	☐
Coil coatings	☐

☒ Especially recommended ☐ Recommended

Recommended levels

0.1-1.0 % additive (as supplied) based upon total formulation.

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 can be incorporated during any stage of the production process, including post-addition.



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