BYK
Additives & Instruments

BYK-A 555

Silicone-free polymer-based air release additive for unsaturated polyester resins. Suitable for all types of unsaturated polyester resins and processing methods. Also suitable for pultrusion applications with acrylic, unsaturated polyester and vinyl ester resins.

Product Data

Composition
Solution of foam-destroying polymers, silicone-free

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

Density (68 °F):	7.34 lbs/US gal
Refractive index (68 °F):	1.51
Non-volatile matter (10 min., 302 °F):	38 %
Flash point:	109 °F
Hazen color number:	< 250
Turbidity:	< 10 TE/F

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Ambient Curing Systems

Special Features and Benefits
BYK-A 555 displays the highest efficiency in deaerating virtually all unsaturated polyester resins in all processing methods. Air release additive may cause haze in the finished part in some resins.

Recommended Levels
0.1-0.5 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
Stir into the resin before adding other components.

A member of **ALTANA**

BYK-A 555

Pultrusion

Special Features and Benefits
Prevention of air entrapment during the manufacture and application (pultrusion) of plastic systems.

Recommended Use
Recommended for systems based on acrylates, unsaturated polyesters or vinyl ester resins.

Recommended Levels
0.2 phr additive (as supplied) in combination with 0.3 phr BYK-A 515 or BYK-A 560.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
Stir into the resin before adding other components.