

BYK-A 560 N

Silicone-free air release additive for solvent-based and solvent-free UP systems with additional improvement of fiber wetting.

Product data

Composition

Solution of polyolefins and polyacrylates

Typical properties

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

Density (20 °C):	0.87 g/ml
Flash point:	45 °C
Refractive index (20 °C):	1.493
Turbidity:	2.8 TE/F
Hazen color number:	36

Storage and transportation

To be stored and transported at a temperature below 50 °C.

Applications

Thermosets

Special features and benefits

BYK-A 560 N combines excellent deaerating performance with extremely good fiber wetting properties. Air release additives may cause haze in the finished part in some resins.

Recommended use

BYK-A 560 N is recommended for all fiber-reinforced, unsaturated polyester applications. BYK-A 560 N also displays excellent deaerating properties in some gelcoats, specifically in systems in which the airless process is used.

BYK-A 560 N is frequently used to improve fiber wetting. The better fiber wetting is seen in all typical application methods like RTM, injection, infusion, winding, lamination, etc.

In pultrusion applications, BYK-A 560 N improves deaeration in the resin bath, which helps to prevent air entrapment and improves fiber wetting in the process.

Recommended levels

0.2–0.5 % additive (as supplied) based on the total formulation.

0.5–2 % additive (as supplied) based on the total formulation in pultrusion applications.

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

Incorporation and processing instructions

Stir into the resin before adding other components.

**Your local
contact****BYK-Chemie GmbH**Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.comDownload
our app:
byk.com/app

ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, NANOBYPK®, OPTIBENT®, OPTIGEL®, PURABYK®, RECYCLOBYK®, RHEOBYK®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information contained herein is based on our current knowledge and experience. No warranties, guarantees and/or assurances of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. Any information about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. Contractual terms and conditions, in particular agreed product specifications, always take precedence. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. We reserve the right to make any changes and to update the information herein without notice.