

## BYK-R 606

Liquid rheology additive for solvent-borne and solvent-free adhesives and sealants based on polyurethane, epoxy, and acrylate resins that contain pyrogenic silica or organophilic phyllosilicates.

### Product Data

#### Composition

Polyhydroxy carboxylic acid ester

#### Typical Properties

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

Density (20 °C): 1.01 g/ml

Refractive index (20 °C): 1.495

Flash point: > 100 °C

#### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Applications

#### Adhesives & Sealants

##### Special Features and Benefits

BYK-R 606 is a thixotropic-reinforcing additive for polyurethane, epoxy, and acrylate resins that are rendered thixotropic with pyrogenic silica or organophilic phyllosilicates (organoclays). It reinforces the hydrogen bonds of the silica and phyllosilicates, resulting in increased thixotropy. For this reason, it achieves sufficiently high anti-sagging properties, with improved leveling and air release properties even with low quantities of silica or phyllosilicates.

##### Recommended Levels

5-15 % additive (as supplied) based upon the pyrogenic silica or organophilic phyllosilicates (organoclays).

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

##### Incorporation and Processing Instructions

The additive should be added to the resin before incorporating the silica/phyllosilicates whilst stirring. Post-addition is also possible.



Additive Guide



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