

# BYKOPLAST-1000

Wetting and dispersing additive for the production of liquid color masterbatches for thermoplastics applications.

## Product Data

### Composition

Combination of anionic and amphoteric surfactants

### Typical Properties

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

Density (68 °F): 7.89 lbs/US gal  
Refractive index (68 °F): 1.478  
Flash point: > 356 °F

### 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

### Thermoplastics

#### Special Features and Benefits

BYKOPLAST-1000 is recommended for producing liquid color masterbatches with inorganic, organic and carbon black pigments, which are used to color thermoplastics (PE, PP, PET). In doing so, it significantly reduces the viscosity, therefore enabling greater pigmentation.

#### Recommended Levels

Amount of additive (as supplied) based upon solids:

Inorganic pigments: 5 %  
Titanium dioxides: 5 %  
Organic pigments: 10-25 %  
Carbon blacks: 5-15 %

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

#### Incorporation and Processing Instructions

For the production of liquid color masterbatches, BYKOPLAST-1000 is slowly added to the carrier system whilst stirring. Only add the pigments once the additive has been uniformly distributed.

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Data Sheet  
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Additive Guide



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