

BYK-MAX D 4220

Liquid wetting and dispersing additive for the production of liquid colorants for thermoplastic 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 (20 °C): 0.95 g/ml

Refractive index (20 °C): 1.478

Flash point: > 180 °C

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

Thermoplastics

Special Features and Benefits

BYK-MAX D 4220 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, BYK-MAX D 4220 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



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

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