

BYK-1162

Highly effective, plasticizer-free dispersing medium for solid dispersions for use in PVC plastisols. Particularly suited to organic pigments and carbon blacks.

Product Data

Composition

Combination of surface-active substances

Typical Properties

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

Acid value:	4 mg KOH/g
Density (20 °C):	0.89 g/ml
Refractive index (20 °C):	1.460
Non-volatile matter (10 min., 150 °C):	95 %
Flash point:	> 140 °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.

Storage and Transportation

Separation or turbidity may occur at temperatures below 0 °C. Warm to 20 °C and mix well. Do not exceed 50 °C.

Applications

PVC Plastisols

Special Features and Benefits

The plasticizer-free dispersing medium BYK-1162 contains multi-functional deflocculating groups for wetting and stabilizing carbon blacks and organic pigments. The achievable concentration of solids for organic pigments is between 20-40 % and for carbon blacks between 15-35 %. The formulation of the solid dispersions with BYK-1162 presents the following advantages compared with standard systems:

- Greater concentration of solids with lower agglomeration
- Narrower particle size distribution
- Free from plasticizers
- Cost savings

Incorporation and Processing Instructions

The solids are incorporated directly into the dispersing medium.

Special Note

- An additional additivation with wetting and dispersing additives is possible at any time.
- If sedimentation or separation occurs in the formulation, this can generally be avoided by adding 0.2-1 % of BYK-410.



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/additives

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