

ACRIFIX®

CO 9073, CO W074, CO 3075,
CO 5076, CO 1077

(Farbstoff 8073, 8074, 8075, 8076, 8077)



Technische Information
Technical Information
Information Technique
Technische Informatie
Informazioni tecniche
Información técnica

English

Product Description

ACRIFIX® CO 9073, CO W074, CO 3075, CO 5076, CO 1077

Product and Use

Type

Colored pasty compounds based on organic and inorganic pigments in phthalate plasticizer.

Applications

For coloring ACRIFIX® 2R 0190, ACRIFIX® 2R 0195, ACRIFIX® 2R 1200, ACRIFIX® 2R 1900 and ACRIFIX® 2R 1074 in order to bond colored PLEXIGLAS® parts, for example, or to fill in engravings etc.

Typical Values

| | |
|--------------------------------|---|
| Viscosity: | pasty |
| Density/20 °C: | > 1 g/cm ³ |
| Color or grade: | CO 9073 (Black) CO W074 (White) CO 3075 (Red) CO 5076 (Blue) CO 1077 (Yellow) |
| Storage stability: | unlimited in original container |
| Packaging material: | PE can |
| Cleaning agents for equipment: | ACRIFIX® TC 0030, ethyl acetate, acetone |

Safety Measures and Health Protection

Labeling according to Directive 1999/45/EG: no labeling prescribed

Storage/Shipping

At room temperature in a dry place

Not a dangerous chemical within the meaning of the shipping regulations

Working Instructions

The colorant pastes must be stirred before use, e.g. with a wooden spatula.

Colorant is normally added to ACRIFIX® 2R 0190 in a proportion of 1% of the adhesive quantity, but other ratios are also possible.

Stir colorant into ACRIFIX® 2R 0190 and mix homogeneously. The **masterbatch** thus obtained can either be mixed directly with the hardener ACRIFIX® CA 0020 and used as such, or mixed with other masterbatches or ACRIFIX® 2R 0190 on its own. This makes it possible to approximately match various PLEXIGLAS® colors (see Table „Typical Formulations“).

In order to avoid deviations in color when performing extensive or repeated bonding jobs, it is advisable to color the required adhesive quantity all at once and to add the hardener ACRIFIX® CA 0020 to smaller quantities taken from the entire batch.

The addition of larger quantities of colorant may slow down the curing process. This can be made up by adding 0.5 to 1% to the usual concentration of ACRIFIX® CA 0020 (3 to 6% in ACRIFIX® 2R 0190).

Table of Typical Formulations for Coloring ACRIFIX® 2R 0190 (example)

| PLEXIGLAS® GS Grade | Percentage of Colorant Added to ACRIFIX® 2R 0190 (= Masterbatch) | | | | | Mixing Ratio % of Masterbatches (Mb.) with ACRIFIX® 2R 0190 | | | | | Adhesive ACRIFIX® 2R 0190 | |
|------------------------|---|----|----|----|----|---|-------|-------|-------|-------|------------------------------|------|
| | F1 | F2 | F3 | F4 | F5 | Mb. 1 | Mb. 2 | Mb. 3 | Mb. 4 | Mb. 5 | | |
| White 003/WH01 | - | 3 | - | - | - | - | 100 | - | - | - | - | - |
| White WH10 | - | 1 | - | - | - | - | 14.2 | - | - | - | - | 85.8 |
| White 072/WH73 | - | 1 | - | - | - | - | 100 | - | - | - | - | - |
| Yellow 374/1H01 | - | - | - | - | 1 | - | - | - | - | 100 | - | - |
| Red 505/3H25 | - | 1 | 1 | - | - | - | 20 | 50 | - | - | - | 30 |
| Red 568/3H67 | - | - | 1 | - | 1 | - | - | 83.4 | - | 16.6 | - | - |
| Red 571/3H01 | - | - | 3 | - | - | - | - | 100 | - | - | - | - |
| Blue 5H48 | - | 1 | - | 4 | - | - | 17.5 | - | 23.5 | - | - | 59.0 |
| Green 703/6H02 | - | 1 | - | 1 | 2 | - | 15.8 | - | 2.6 | 52.6 | 29.0 | - |
| Gray 884/7M84 | 1 | 1 | - | - | 1 | 31.9 | 65.0 | - | - | 3.1 | - | - |
| Black 811/9H01 | 2 | - | - | - | - | 100 | - | - | - | - | - | - |

F 1 = ACRIFIX® CO 9073 (Black)
F 2 = ACRIFIX® CO W074 (White)
F 3 = ACRIFIX® CO 3075 (Red)
F 4 = ACRIFIX® CO 5076 (Blue)
F 5 = ACRIFIX® CO 1077 (Yellow)

Mb. 1–5 = Masterbatch with F 1–5

Limitation of Liability

Our ACRIFIX® adhesives and other service products were developed exclusively for our PLEXIGLAS® products and are specially adjusted to the properties of these materials.

Any recommendations and guidelines for workshop practice therefore refer exclusively to them.

Claims for damages, especially under product liability laws, are ruled out if made in connection with the use of products from other manufacturers.

For further information on safety measures, the exclusion of health risks when handling adhesives and on their disposal, see our Safety Data Sheet.

Availability according to current sales range.