

PRELIMINARY PRODUCT INFORMATION

TYPE

Auxiliary drier combination for ADDITOL dry CF series

FORM OF DELIVERY (f.o.d.)

Metal content

approx. 8.1 % Zirconium

approx. 4.6 % Barium

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour

pale yellow -

pale brown

appearance

clear to light

cloudy

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity
(100 1/s; 23 °C)

[mPa.s]

100 - 500

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density

approx.

(20 °C)

[g/cm³]

1,02

Flash Point DIN EN ISO 1523

flash point

[°C]

> 94

SPECIAL PROPERTIES

ADDITOL dry CF300 contains a balanced auxiliary drier metal combination which optimizes oxidative drying in waterborne and solventborne alkyd formulations.

SUGGESTED USES

ADDITOL dry CF300 is recommended to be used together with Cobalt free primary driers ADDITOL dry CF 100 for all oxidative drying waterborne and solvent based alkyd resin paints.

PROCESSING

ADDITOL dry CF300 may be added undiluted to the resin in form of delivery. In certain cases the drier may be ground together with pigments and fillers in the mill base.

Recommended quantity to be added: 0,75 - 1,35 %, calculated on solid resin.

In combination with our Cobalt free primary drier ADDITOL dry CF100 we recommend to use a ratio of 1 : 1,5 (primary drier : auxiliary drier) in order to achieve optimum drying performance.

STORAGE

At temperatures from 5 °C to 30 °C storage stability packed in original containers amounts to at least 365 days.

When stored at temperatures below 20 °C ADDITOL dry CF300 tends to slight crystallization, which is reversible by heating for 24 hours to 40 °C.

DISTINGUISHING FEATURES

1 part ADDITOL VXW 6206 (Cobalt containing mix drier) may be replaced in waterborne formulations by 0,5 parts of ADDITOL dry CF100 and 0,75 parts of ADDITOL dry CF300.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.