

PRELIMINARY PRODUCT INFORMATION

TYPE

Polyamine adduct

FORM OF DELIVERY (f.o.d.)

70 % in methoxy propanol (70MP)

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.

H-equivalent weight

(f.o.d.) 350 g/mol
(solid matter) 244 g/mol

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 8000 - 12500
(25 1/s; 23 °C)

Amine Value (Reaction Resins) DIN 16945 / 5.6
amine value [mg KOH/g] 130 - 150
(form of deliver; propylene carbonate / acetic acid 4:1)

Iodine Colour Number DIN 6162
iodine colour number < 8

Colour / Appearance VLN 250
colour light brown
appearance clear

Non-Volatile Matter DIN 55671
non-volatile matter [%] 68 - 72
(125 °C; 10 min)

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,08
approx.
(20 °C)

Flash Point (Pensky-Martens) DIN EN ISO 2719
flash point [°C] 32
approx.

SPECIAL PROPERTIES AND USE

Beckocure EH 2240 is an adduct hardener based on polyamines, thus free of volatile amines. In combination with suitable epoxy resins this hardener enables the formulation of high performing 2K high solids anticorrosion primers.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

SAFETY AT WORK AND ENVIRONMENTAL PROTECTION

When handling and processing epoxy resins and hardeners, the rules and regulations established by local authorities should be observed. A Material Safety Data Sheet is available on request.

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.