

PRELIMINARY PRODUCT INFORMATION

TYPE

Aliphatic polyamine adduct, water emulsifiable

FORM OF DELIVERY (f.o.d.)

70 % in ethoxypropanole (70EP)

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.) 314 g/mol
(solid matter) 220 g/mol

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	5000 - 11000
(25 1/s; 23 °C)		

Amine Value (Reaction Resins) DIN 16945 / 5.6

amine value	[mg KOH/g]	100 - 120
(form of deliver; propylene carbonate / acetic acid 4:1)		

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density	[g/cm ³]	1,05
approx. (20 °C)		

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	47
approx.		

SPECIAL PROPERTIES AND USE

Beckopox EH 2150w/70EP is used together with solid epoxy resin dispersions or emulsified liquid resins.

When used with Beckopox EP 387w coating systems for metallic substrates can be formulated with excellent water and saltspray resistance. The use of 80 % of the stoichiometric curing agent quantity has given best results. At room temperature the film cures rapidly and can also be forced dried at elevated temperatures.

When using solid epoxy resin dispersions, pigment dispersion is mostly carried out in the curing agent component. When reducing with water it should be ensured that the concentration is not lower than 20 %. It is also important that the mill base temperature does not exceed 50 °C.

STORAGE

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

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.