

TYPE

Mannich base (aliphatic polyamine)

H-equivalent weight (f.o.d.)

70 g/mol

FORM OF DELIVERY (f.o.d.)

100 %

SPECIAL PROPERTIES AND USE

Curing at temperatures as low as 5 °C even at high humidity.
Highly chemical resistant coatings, adhesives, laminates. Accelerator for low reactive hardeners.

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	2500 - 4400
(100 1/s; 23 °C)		

Amine Value (Reaction Resins) DIN 16945 / 5.6

amine value	[mg KOH/g]	440 - 500
(form of deliver)		

Iodine Colour Number DIN 6162

iodine colour number		<= 5
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Not continually determined:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	2000 - 3500
(100 1/s; 25 °C)		

Density (Liquids) DIN EN ISO 2811-2

density	[g/cm ³]	1,12
approx.		
(20 °C)		

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SUGGESTED USES AND PROCESSING

Beckopox EH 629 has a medium viscosity with high reactivity. It gives a good through cure in thin films as well as in highly extended systems and at low curing temperatures and high humidity.

This curing agent is especially suited for formulating very well solvent and chemical resistant container linings, flooring compounds, under water coatings for steel structures and ship decks. It is also used in adhesives.

MIXING RATIO AND POT LIFE

A blend of

100 g Beckopox EP 140
 38 g Beckopox EH 629

starts to gel at 23 °C after approx. 15 - 20 minutes.

STORAGE

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

DISTINGUISHING FEATURES

Beckopox EH 629 is used for increasing the reactivity of curing agents.

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.

