

TYPE

A-liquid epoxy resin

FORM OF DELIVERY (f.o.d.)

80 % in solvent naphtha 180/210 (80SNB)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (500 1/s; 23 °C)	[mPa.s]	230 - 300
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Epoxy-Equivalent VLN 305

epoxy equivalent (form of delivery)	[g/mol]	225 - 238
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Epoxy-Equivalent VLN 305

epoxy equivalent (non volatile matter)	[g/mol]	180 - 190
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Iodine Colour Number DIN 6162

iodine colour number		<= 3
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	78 - 82
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,09
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Flash Point (CCCFP) ASTM D 6450

flash point approx.	[°C]	70
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SPECIAL PROPERTIES AND USE

Beckopox EP 140/80SNB is a liquid A-type resin diluted with organic solvent. Depending on the type of hardener it can be used for room temperature or heat curing applications. This form of delivery is especially designed for high solids formulations of anticorrosion coatings and coatings with excellent chemical resistance.

For further details see Technical Data Sheet of Beckopox EP 140.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

DISTINGUISHING FEATURES

Properties of Beckopox EP 140/80SNB are similar to those of the solvent free analogue Beckopox EP 140, but its use in applications with high film built is reduced due to the content of organic solvent.

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.

