

Product information

VESTANAT[®] B 1042 E

GENERAL DESCRIPTION

VESTANAT[®] B 1042 E is a blocked cycloaliphatic polyisocyanate. It is supplied as a 65 % by wt. solution in n-butyl acetate.

SPECIFICATION

Property	Value	Unit	Test method*
Non volatile matter	65 ± 1	% by wt.	DIN EN ISO 3251 (75 min. at 65°C)
Viscosity at 23 °C	2400 ± 1600	m Pas	DIN EN ISO 3219

TYPICAL DATA

Property	Value	Unit	Test method
Free NCO content	≤ 0.4	% by wt.	DIN EN ISO 11 909 / ASTM D 2572
NCO equivalent (as supplied)	approx. 630	g/equ.	
Splitting temperature	approx. 110	°C	–
Colour number (Gardner)	≤ 2	–	DIN EN ISO 4630 / ASTM D 1544
Flash point (closed cup)	26	°C	DIN EN ISO 2719
Vapour pressure at 50 °C	≤ 50	hPa	–

PROPERTIES AND APPLICATIONS

Blocked polyisocyanate for the combination with suitable hydroxylated resins, like polyester, acrylic and alkyd resins.

VESTANAT[®] B 1042 E enables the formulation of heat curing PUR coatings for curing temperatures of ≥ 110 °C.

Due to the high reactivity of VESTANAT[®] B 1042 E an increased viscosity of the formulated paint can be noted during storage.

STORAGE

VESTANAT® B 1042 E can be stored in unopened containers for at least one year without loss of quality in accordance with the above specifications.

VESTANAT® B 1042 E is supplied in 25 kg non returnable cans and in 200 kg net drums.

SAFETY AND HANDLING

Please refer to our Material Safety Data Sheet.

Marl, January 8, 2024; This data sheet replaces all former issues.

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