

Product information

VESTANAT[®] EP* -B 1581

(PRELIMINARY)

GENERAL DESCRIPTION

VESTANAT[®] EP-B 1581 is a 3,5-Dimethylpyrazol-blocked, aliphatic polyisocyanate. It is supplied as a 75 % solution in Solvent Naphtha / MOP-acetate = 2:1.

TYPICAL DATA

Property	Value	Unit	Test method
Non volatile matter	approx. 75	% by wt.	DIN EN ISO 3251 (1,5 h 110 °C, < 2 hPa)
Viscosity at 23 °C	approx. 5000	mPa·s	DIN EN ISO 3219
Free NCO content	< 0.1	% by wt.	DIN EN ISO 11 909/ASTM D 2572
Latent NCO content	approx. 10	% by wt.	DIN EN ISO 11 909 (modified)
Splitting temperature	≥ 130	°C	-
Colour (Hazen)	≥ 150	mg Pt/l	DIN EN ISO 6271

PROPERTIES AND APPLICATIONS

VESTANAT[®] EP-B 1581 is a blocked polyisocyanate for crosslinking of suitable OH-functional resins, like polyester, acrylic and alkyd resins. It is especially suitable for the formulation of coating systems with exceptional weatherability.

In Can Coatings in combination with polyesters of the DYNAPOL[®] LH-range VESTANAT[®] EP-B 1581 improves the sterilisation resistance.

* EP = Experimental Product

This is an experimental product at the development stage. No definitive statements can therefore be made as to type conformity, processability, long-term performance characteristics or other production or application parameters. Therefore, the purchaser/user uses the product entirely at its own risk without having been given any warranty or guarantee and agrees that the supplier shall not be liable for any damage, of whatever nature, arising out of such use. The figures given should be regarded as non-binding approximate data only, and not as guide values or binding minimum values. Commercialization and continued supply of this product are not assured. Its supply may be discontinued at any time.

In Coil Coatings VESTANAT® EP-B 1581 leads to highly flexible systems and makes it possible to cure at low temperatures.

It is recommended to use tin catalysts, e.g. dibutyl tin dilaurate (DBTDL), in concentrations of 0.1 – 0.5 % by weight calculated on the resin.

STORAGE AND PACKAGING

VESTANAT® EP-B 1581 can be stored in unopened containers for at least one year without loss of quality in accordance with the above specification.

VESTANAT® EP-B 1581 is supplied in non returnable 25 kg net cans and in non returnable 200 kg net drums.

SAFETY AND HANDLING

Please refer to our Safety Data Sheet.

Marl, June 10, 2018; This data sheet replaces all former issues.

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Disclaimer

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