

VESTANAT® T 1890 X

GENERAL DESCRIPTION

VESTANAT® T 1890 X is a polyisocyanate based on isophorone diisocyanate solubilized in Benzene, 1-chlorobenzene-4 (Trifluormethyl)/Oxsol** 100 to a solids Level of 55 % by weight.

SPECIFICATION

Property	Value	Unit	Test method*
Solids content	55 ± 1	% by wt.	DIN EN ISO 3251 (1 h, 150°C)
Non volatile matter	9.5 ± 0.3	% by wt.	DIN 53 185 / ASTM D 2572 / DIN ISO 11909
Viscosity at 23 °C	550 ± 150	mPas	DIN 53 019 / DIN EN ISO 3219

TYPICAL PROPERTIES

Property	Value	Unit	Test method
Density at 15 °C	1.23	g/cm ³	DIN 51 757 / ASTM D 2111
Colour (APHA)	< 250	-	DIN ISO 6271
Flash point (closed Cup)	43	°C	DIN EN ISO 1523
VESTANAT® IPDI	0.2	% by wt.	DIN 55 956 / DIN ISO 10 283

* DIN, ISO or ASTM methods describe our analytical procedures in general. The actual methods used internally are more precise and can be obtained upon

**Oxol is a trade Name of Oxychem Corporation.

PROPERTIES AND APPLICATIONS

VESTANAT® T 1890 X meets all important prerequisites for the production of weatherable two component polyurethane coatings. With suitable coreactants it gives Polyurethane coatings with high resistance to yellowing from sunlight and excellent environmental etch resistance, as well as the good mechanical properties typical of polyurethane coatings.

APPLICATION

VESTANAT® T 1890 X is used as the isocyanate component for the production of hardeners for two component polyurethane coatings. These coatings are used in automotive repair clearcoats and other applications requiring excellent surface quality, high gloss, environmental etch resistance and weatherability.

SAFETY AND HANDLING

For Information on safety and handling, consult the Material Safety Data Sheet for this product.

STORAGE AND PACKAGING

If moisture is excluded, this product can be stored for at least one year without loss of Quality. VESTANAT® T 1890 X is supplied in non-returnable drums and in bulk.

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

VESTANAT® is a registered trademark of Evonik Industrie AG or one of its subsidiaries.

Disclaimer

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