

Testing Report
Raport z Testów**Report N^o/ Raport Nr**
20191220293**Report date / Z dnia**
Dec. 20, 2019
20 grudnia 2019**Report for / Klient:** Noxan sp. z o.o. 61-052 Poznań, ul. Pułtуска 13**Order N^o/ Zlecenie:** E-mail order / Zlecenie mailowe**Project / Projekt:** No / Nie**PURPOSE / ZAKRES**

Determination of VOC emission according to ISO 16000-6 and classification according to French VOC

Oznaczenie emisji VOC zgodnie z ISO 16000-6 i klasyfikacja wyników zgodnie z Klasyfikacją Francuską

OBJECTIVES / OBIEKTY DO TESTÓW**Tested Samples / Próbki do testów**

Product Name/Nazwa	Lot. / Nr partii	Sampling/ Pobranie próbki
RD-HYDROGRAFF HP składnik A	data prod. 09.10.19, numer partii 192 J30E, 1L	Client / Klient
RD-HYDROGRAFF HP składnik B	data prod. 15.09.19, numer partii brak	Client / Klient
RD-HYDROPOX składnik A, Farba epoksydowa, biała	data prod. 09.10.2019, numer partii 192 H29D	Client / Klient
RD-HYDROPOX składnik B	data prod. 19.09.19, numer partii 191 618H	Client / Klient
RD-MONOGUARD, Farba antykorozyjna biała	data prod. 10.09.19, numer partii 192 A22E	Client / Klient
RD-AQUATOP PU, Emalia poliuretanowa biała	data prod. 10.10.19 numer partii 192 H19J	Client / Klient

TESTS RESULTS / WYNIKI TESTÓW


Test conditions / Warunki przeprowadzenia testów

Chamber volume / Objętość komory: 119 L
 Air change / Wymiana powietrza: 0,5 n[h⁻¹]
 Relative humidity / wilgotność względna: 50 % ± 5 %
 Temperature / Temperatura: 23 °C ± 2 °C

Sample preparation / Przygotowanie próbek: According to TDS information / Zgodnie z informacjami dostarczonymi w kartach technicznych.

Test result / Wyniki testów

Sample / Próbką: RD-HYDROGRAFF HP

Substance / Substancja	CAS	Results Conc. 28 days µg/m ³	Requirements Conc. 28 days µg/m ³	Results after 28 days	Requirements  µg/m ³
TVOC	--	< 1	< 2	350	< 1000
Formaldehyde	50-00-0	< 1	< 3	2	< 10
Acetaldehyde	75-07-0	< 1	< 3	112	< 200
Toluene	108-88-3	< 1	< 2	12	< 300
Tetrachloroethylene	127-18-4	< 1	< 2	106	< 250
Ethylbenzene	100-41-4	1,6	< 2	24	< 750
Xylene	1330-20-7	1,7	< 2	130	< 200
Styrene	100-42-5	< 1	< 2	26	< 250
2-Buthoxyethanol	111-76-2	1,5	< 2	120	< 1000
1,2,4-Trimethylbenzene	95-63-6	< 1	< 2	53	< 1000
1,4-Dichlorobenzene	106-46-7	< 1	< 2	11	< 60

Notes:




meets the requirements



does not meet the requirements

Sample / Próbkka: RD-HYDROPOX Farba epoksydowa, biała

Substance / Substancja	CAS	Results Conc. 28 days $\mu\text{g}/\text{m}^3$	Requirements Conc. 28 days $\mu\text{g}/\text{m}^3$	Results after 28 days	Requirements  $\mu\text{g}/\text{m}^3$
TVOC	--	1,4	< 2	723	< 1000
Formaldehyde	50-00-0	< 1	< 3	3	< 10
Acetaldehyde	75-07-0	2,6	< 3	14	< 200
Toluene	108-88-3	< 1	< 2	16	< 300
Tetrachloroethylene	127-18-4	< 1	< 2	113	< 250
Ethylbenzene	100-41-4	< 1	< 2	26	< 750
Xylene	1330-20-7	1,7	< 2	117	< 200
Styrene	100-42-5	< 1	< 2	12	< 250
2-Butoxyethanol	111-76-2	1,1	< 2	126	< 1000
1,2,4- Trimethylbenzene	95-63-6	< 1	< 2	113	< 1000
1,4-Dichlorobenzene	106-46-7	< 1	< 2	14	< 60

Notes:




meets the requirements



does not meet the requirements

Sample / Próbką: RD-MONOGUARD, Farba antykorozyjna biała

Substance / Substancja	CAS	Results Conc. 28 days $\mu\text{g}/\text{m}^3$	Requirements Conc. 28 days $\mu\text{g}/\text{m}^3$	Results after 28 days	Requirements  $\mu\text{g}/\text{m}^3$
TVOC	--	1,3	< 2	113	< 1000
Formaldehyde	50-00-0	1,12	< 3	2	< 10
Acetaldehyde	75-07-0	2,2	< 3	112	< 200
Toluene	108-88-3	< 1	< 2	3	< 300
Tetrachloroethylene	127-18-4	< 1	< 2	3	< 250
Ethylbenzene	100-41-4	< 1	< 2	2	< 750
Xylene	1330-20-7	1,4	< 2	4	< 200
Styrene	100-42-5	1,1	< 2	1	< 250
2-Butoxyethanol	111-76-2	1,1	< 2	12	< 1000
1,2,4- Trimethylbenzene	95-63-6	1,3	< 2	16	< 1000
1,4-Dichlorobenzene	106-46-7	< 1	< 2	11	< 60

Notes:




meets the requirements



does not meet the requirements

Sample / Próbkka: RD-AQUATOP PU, Emalia poliuretanowa biała

Substance / Substancja	CAS	Results Conc. 28 days $\mu\text{g}/\text{m}^3$	Requirements Conc. 28 days $\mu\text{g}/\text{m}^3$	Results after 28 days	Requirements  $\mu\text{g}/\text{m}^3$
TVOC	--	< 1	< 2	143	< 1000
Formaldehyde	50-00-0	< 1	< 3	1	< 10
Acetaldehyde	75-07-0	< 1	< 3	12	< 200
Toluene	108-88-3	< 1	< 2	2	< 300
Tetrachloroethylene	127-18-4	< 1	< 2	7	< 250
Ethylbenzene	100-41-4	< 1	< 2	0	< 750
Xylene	1330-20-7	< 1	< 2	1	< 200
Styrene	100-42-5	< 1	< 2	6	< 250
2-Butoxyethanol	111-76-2	< 1	< 2	12	< 1000
1,2,4- Trimethylbenzene	95-63-6	1,4	< 2	16	< 1000
1,4-Dichlorobenzene	106-46-7	< 1	< 2	13	< 60

Notes:



meets the requirements

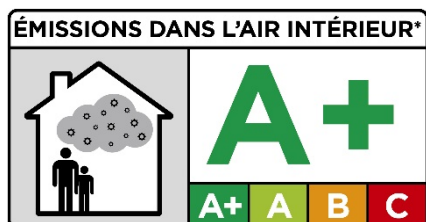


does not meet the requirements

SUMMARY

All tested samples listed on page 1 meet the requirements of the VOC French classification - tested according to ISO 16000-6 – class A+

Wszystkie testowane próbki wymienione na stronie 1 spełniają wymagania klasyfikacji VOC francuskiej - testowane wg ISO 16000-6 – Klasa A+

**Conclusions / Wnioski**

N.a. / Nie dotyczy

ATTACHMENTS / Załączniki

Brak

Statement of Attestation:

The laboratory test results presented in this report are representative of the material supplied.

The names of the raw materials used in the report are the property of their legal owners and have been used here solely for informational purposes and for easy identification of the composition of the prepared samples. Spektrochem Laboratory has no rights to these brand names.

The raw materials used in the research are identified by their Lot numbers. It should be checked whether raw materials tested in similar comparative conditions have the same specification and be tested in comparison to raw materials with Lot numbers as indicated in this report.

Authorization:

Signed: 
Artur Pałasz (Feb 26, 2020)

Artur Pałasz, Ph.D., Global R&D Director






Noxan Test report

Final Audit Report

2020-02-26

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