

CERTIFICATE

The laboratory

**National Research Lobachevsky State University of Nizhny
Novgorod**

in 603950 Nizhni Novgorod, Russian Federation

has participated in the proficiency test series 2018 with the laboratory code 412.

In the test

**18-821.201.010 | Emission behaviour: emission of organic
compounds (total carbon emissions)**

(PV 3341:1995-03; VDA 277:1995-01)

The following scores have been achieved:

Granules / PP / grey

Total carbon emission: z' score = -0.99

Granules / PC / white

Total carbon emission: z' score = -1.03

In accordance with the demands of DIN EN ISO/IEC 17043:2010, the scores are associated with the following ratings:

$|z|$ or $|z'| \leq 2$: Satisfactory result

$2 < |z|$ or $|z'| < 3$: Questionable result

$|z|$ or $|z'| \geq 3$: Unsatisfactory result

Lüdenscheid, 18. 02. 2019



**Deutsches Institut
für Ringversuche**

p.p. Dr. Andreas Balster

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In the test

18-821.251.014 | Emission behaviour: Fogging B

(DIN 75201:2011-11 Method B)

The following scores have been achieved:

Folien 100x450 / alcantara / grey

Condensable component: z' score = 0.66

Folien 100x450 / alcantara / crema

Condensable component: z' score = -0.13

In accordance with the demands of DIN EN ISO/IEC 17043:2010, the scores are associated with the following ratings:

$|z|$ or $|z'| \leq 2$: Satisfactory result

$2 < |z|$ or $|z'| < 3$: Questionable result

$|z|$ or $|z'| \geq 3$: Unsatisfactory result

Lüdenscheid, 18. 01. 2019



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In the test

18-821.191.010 | Emission behaviour: formaldehyde emission
(PV 3925; VDA 275)

The following scores have been achieved:

Panels 40x100 / POM / turquoise

Formaldehyde release: z score = -2.55

Panels 40x100 / POM / natural

Formaldehyde release: z score = -2.74

In accordance with the demands of DIN EN ISO/IEC 17043:2010, the scores are associated with the following ratings:

$|z|$ or $|z'| \leq 2$: Satisfactory result

$2 < |z|$ or $|z'| < 3$: Questionable result

$|z|$ or $|z'| \geq 3$: Unsatisfactory result

Lüdenscheid, 06. 02. 2019



**Deutsches Institut
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