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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION (ISC,

**IEC 61340-4-1—**

**2017**

**ЭЛЕКТРОСТАТИКА**

**Методы испытаний для прикладных задач**

ЭЛЕКТРИЧЕСКОЕ СОПРОТИВЛЕНИЕ НАПОЛЬНЫХ ПОКРЫТИЙ И УСТАНОВЛЕННЫХ ПОЛОВ

# (IEC 61340-4-1:2015, Electrostatics — Part 4-1: Standard test methods for specific applications — Electrical resistance of floor coverings and installed floors, IDT)

М о скв а Стандартимформ 2018

IEC 61340-4-1—2017

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1.0—2015 « .

» 1.2—2015 « .

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( 30 2017 . No 52)

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2016 . No 431- IEC 61340-4-1—2017

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5 IEC 61340-4-1:2015 «

. 4-1. .

» («Electrostatics — Part 4-1: Standard test methods for specific applications — Electrical resistance of floor coverings and installed floors», IDT).

IEC/TC 101

«Electrostatics».

1.5 ( 3.6).

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**II**

IEC 61340-4.1—2017

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**III**

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# IEC 61340-4-1—2017

**Electrostatics. Part 4-1. Test methods for specific applications. Electrical resistance of floor coverings and installed floors**

**—2018—08—01**

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ISO 1957:2000, Machine-made textile floor coverings — Selection and cutting of specimens for physical tests ( .

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# 3

8 :

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|  |  |  |
| --- | --- | --- |
| **3.1** | **(acceptance testing):** | **,** |
| **3.2** | **(geometric mean):** |  |
| ***- -*** | ***■*** |  |
| **3.3****.****3.4** | **(groundable point):****(insulating material):** **10 .** | **,** |

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IEC 61540-4-1—2017

* 1. **(laboratory evaluations): ,**

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* 1. **(resistance to ground): ,**

, ,

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* 1. **(point-to-point resistance): ,**

, .

3.6 (vertical resistance): ,

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# 5

5.1

( )

±10 %, .

5.1.1

:

- (10 ± 0.5) — 1 \* 106 ;

* **(100 ± 5) — 1 10\* 1 \* 1011 ;**

> (500 ± 25) 8 — 1 \* 10” .

.

, ,

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5.1.2

:

«(10 ± 0.5) — 1 \* 6 ;

- (100 ± 5) — 1 » 106 1 \* 10” :

- (500 ± 25} 8 — 1 10” .

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5.2

**2**

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IEC 61340-4\*1—2017

. 1.

(65 ± 5) . , , \*

,

(60 ± 10) . , \*

, \*

( . 5.3}. 1000 .

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. :

a) (2.5 ± 0,25) — , ;

b) (5.0 ± 0,25) — , .

**— 1014**

**( . 1).**

5.3

(600110} 1 ( ) , \*

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5.4

( . 6) , \*

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( . 6).

**, 1 \* 1014 .**

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5.5

,

(640110) (5 ± 1) .

**1 \* 1014 .**

(5 ± 1) .

**1 ’4 .**

, (1300 ± 10) \* (600 1 10) \*

,

**3**

IEC 61340-4-1—2017





**: (2.5±0,25) (5.0 ± 0,25) .**

**1 — ; *2* — , ;**

***3 —* ; 4 — : 5 — ;**

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**, S.2. ), 6.2. ); 7 — : —**

**: 9 — . 10 — , — {**

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IEC 61340-4-1—2017

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ISO 1957.

ISO 1957 ,

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(500 1 50) .

{1200 ± 50) \* (500 ± 50} .

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, (1000 150) ( . 9.4).

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, : (23 ± 2) " .

(12 ± 3} %. — 46 .

24 (20 ± 2) \*

(65 ± 3) %.

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9.1

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. , (

2 95 %). , .

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IEC 61340-4-1—2017

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9.2

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(5.5). (5.2)

, (300 ± 10) . -

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, .

, (5.1).

10 . (15 ± 2)

. 10 .

100 . 1.0 \* 1011 . 500

. ,

, 5.1. :

a) 10 8 1.0 \* 10 . 100 1.0 \* 10\* ;

b) 100 1.0 \* 1011 . 500 1.0 \* 11 .

, .

,

100 .

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, .

9.3 ( )

(5.3) (5.5).

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(5.2) ,

100 . ,

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(5.2). 10 . (15 1 2)

. 10\* . 100

. 1.0 \* 1011 . 500

. ,

, 5.1. :

a) 10 8 1.0 \* 10 . 100 1,0 \* 10 ;

b) 100 1.0 \* 1011 . 500 1,0 \* 1011 .

, .

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100 .

9.4

(5.5). (5.2)

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100 . ,

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IEC 61340- —2017

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(5.1). 10 . (15 ± 2)

. 10 .

100 . 1.0 \* 11 .

500 . ,

, 5.1,

:

a) 10 1.0 \* 10 . 100 1,0 \* 10 :

b) 100 1,0 \* 10” . 500 1.0 \* 10” .

, .

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(1000 ± 50) .

100 .

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(1000 ± 50) .

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**100 2 .**

# 10

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# 11

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1. **:**
2. **, :**
3. **;**

d) ,

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e) .

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i) : , ,

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IEC 61340-4-1—2017

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| **ISO 1957:2000** | **—** | **•** |
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677.076:006.354 17.220.99 IDT

59.080.60

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**2—2018/33**

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**27.07.2018. 31.07.2018. 60\*84’/^. .**

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