

LABORATORY OF ELECTROSTATIC PROPERTIES TESTING

siedziba: 90-520 Łódź, ul. Gdańska 118, tel.: +48(0) 42 2534430, +48(0)42 2534431, fax.+48(0)42 2534490

siedziba: 92-103 Łódź, ul. Brzezińska 5/15, tel.: +48(0) 42 6163 140, +48(0) 42 6163 141, fax.+48(0)42 6792638

REPORT ON TESTING ELECTRICAL RESISTANCE

Nr 21.5/BS/ 2010

Test method: PN-EN 1081:2001. Resilient floor coverings. Determination of the electrical resistance (method A).**Orderer:**Zakłady Tworzyw Sztucznych
„GAMRAT” Spółka Akcyjna
ul. Mickiewicza 108
38-200 Jasło**Subject of testing:**

Sample of PVC resilient floor covering

Trade name: CENTRA 43

Total thickness: 2, 0 mm

Produced by GAMRAT S.A., Jasło

Samples to be tested was supplied by the orderer

INSTYTUT WŁÓKIENNICTWA
Oddział ul. Gdańska 118
90-520 Łódź, tel. (42) 25 34 400, fax (42) 25 34 490
NIP 724-000-06-64 REGON 000050239**Climate conditions:**

temperature: 22,5 °C; relative humidity: 50,5%; applied voltage: U=500V

Results of testing:

	Measurement N°					
	1.	2.	3.	4.	5.	6.
Vertical resistance R_v [$10^8 \Omega$]	6,09	6,15	5,95	6,05	6,10	5,90
The maximum value of vertical resistance R_v [Ω]	$6,15 \times 10^8$					
The minimum value R_v [Ω]	$5,90 \times 10^8$					
The mean value R_v [Ω]	$(6,04 \pm 0,10) \times 10^8$					
Standard deviation σ [Ω]	$0,10 \times 10^8$					

Test performed by: Irena Kamińska

Sample receiving date: 05.03.2010

Test performing date: 15.03.2010

NOTES:

- The testing results refer only to the tested sample.
- The report consists of 2 page.
- The report shall not be reproduced in another way than as a whole without a prior written consent of the Testing Laboratory.
- The Orderer using this report is responsible for the conformity between the product and the sample submitted for testing.

LABORATORIUM
Badań Własności Elektrostatycznych
KIEROWNIK
mgr inż. Stanisław Wróbel

C O N C L U S I O N

The vertical resistance R_v measurements determined in accordance with the PN-EN 1081:2001 „*Resilient floor coverings. Determination of the electrical resistance (method A)*” have shown that values of the measured resistance R_v do not exceeds $1,0 \times 10^9 \Omega$. In accordance with the requirements given in the PN-EN 14041:2006/AC:2007 „*Resilient, textile and laminate floor coverings – Essential characteristics*”, chapter 4.6.2.2 tested sample of PVC resilient floor covering named **CENTRA 43**, meets PN-EN 14041:2006/AC:2007 standard requirements for dissipative floor covering.

LABORATORIUM
Badań Własności Elektrostatycznych
KIEROWNIK
W. Wróbel
mgr inż. Stanisław Wróbel

Łódź, 15.03.2010

End of the report