

# TEST REPORT

[Test items for ESD Fabric Chair]

product name	ESD fabric chair	Model	RH-041210	Color: Gray	Test Equipment	ACL-800 Heavy Drop Resistance Tester
Production quantities	1	Test Quantity	1		Environment temperature	27.2°C
Production date	7/05/2019	Test date	7/05/2019		Relative Humidity	57.7%RH
Test basis	ANSI/ESD S20.20-2007 (American National Standards Institute and ESD Association)				Test voltage	10V
Test content	ESD chair system and surface resistance					
No.	Item	Test voltage	Test results			Judgment
			Test Point 1	Test Point 2	Test Point 3	
1	seat surface resistance	10V	$1.55 \times 10^5 \Omega$	$2.89 \times 10^5 \Omega$	$1.12 \times 10^5 \Omega$	Qualified
2	back surface resistance	10V	$1.03 \times 10^5 \Omega$	$1.42 \times 10^5 \Omega$	$1.22 \times 10^5 \Omega$	Qualified
3	system resistance from seat to castor	100V	$6.55 \times 10^7 \Omega$	$3.89 \times 10^7 \Omega$	$9.53 \times 10^6 \Omega$	Qualified
4	system resistance from back to castor	100V	$8.56 \times 10^6 \Omega$	$4.23 \times 10^7 \Omega$	$7.89 \times 10^6 \Omega$	Qualified
5	system resistance from back to seat	100V	$7.59 \times 10^6 \Omega$	$5.25 \times 10^7 \Omega$	$3.55 \times 10^7 \Omega$	Qualified
Test results	Test results meet the ANSI/ESD S20.20-2007 standard that the resistance need to below $1 \times 10^9 \Omega$ . The product is qualified.					
Remark	1. The cleaning for synthetic leather: Use the cloth that is clean and containing low amounts of cotton to dip with at least 70% isopropanol to do the cleaning work.					
	2. Using the same detergent to clean the electrode of ACL-800 resistance tester					
	3. Sample and electrode are formal tested after 48 hours' drying in the natural environment. Completely comply with ANSI / ESD S20.20-2007 requirements					
Test personnel		Reviewer			Approver	
Date		Date			Date	