

REPORT NO: 20210628-Korteks27

June 28th, 2021

REPORT

The fabric (Code: **DL21-027**) supplied by **Korteks Mensucat Incorporation** at June 21st, 2021 has been tested and the results have been presented below. The tests were applied at room temperature (22 °C) and the average values were shown.

Item	Sample Name, Test Method, Explanation	Result	
1	Fabric: DL21-027 Surface Resistance EN 1149-1 test method was used for surface resistance measurement at room temperature (22 °C). At least five measurements were obtained and the average is calculated. According to EN 1149-5:2008 the value must be $< 2.5 \times 10^9$ ohm for antistatic fabric.	Result 5.2×10^5 ohm Standard Deviation 2.8×10^4 ohm	
2	Fabric: DL21-027 Vertical Resistance EN 1149-2 test method was used for vertical resistance measurement at room temperature (22 °C). At least five measurements were obtained and the average is calculated.	Result 2.2×10^4 ohm Standard Deviation 1.5×10^4 ohm	
3	Fabric: DL21-027 Charge Decay Measurement EN 1149-3 test method was used for charge decay measurement at room temperature (22 °C). At least five measurements were done and the average is calculated. According to EN 1149-5:2008 the sample must satisfy $t_{50} < 4$ s, $S > 0.2$ for antistatic fabric.	Result (t_{50}) < 0.05 s	Shielding Factor (S) 0.85
The fabric is antistatic.			

Controller
Prof. Dr. Lütfi Özyüzer