

ISO 2878:2017-06 (E)

Rubber, vulcanized or thermoplastic - Antistatic and conductive products - Determination of electrical resistance

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus and materials	2
5.1	Test instrument	2
5.2	Electrodes and contacts	2
6	Calibration	2
7	Test conditions	2
7.1	Test atmospheres	2
7.2	Time-interval between forming and testing	3
7.3	Temperature and humidity conditioning	3
7.4	Mechanical conditioning	3
8	Procedure	3
8.1	Cleaning	3
8.2	Application of electrodes	3
8.3	Reconditioning	3
8.4	Determination	4
8.5	Number of tests	4
9	Procedural details applicable to different products	4
9.1	Tests on one surface	4
9.2	Tests between two surfaces	4
9.3	Tests on products bounded or clamped to metal parts	4
9.3.1	Products bonded or clamped to one metal part	4
9.3.2	Products bonded or clamped to two metal parts	4
9.4	Tests on tubing	5
9.4.1	Tests between inside surface and outside surface	5
9.4.2	Tests on tubing over 6 m in length	5
9.4.3	Tests on tubing with permanently attached end fittings	5
10	Test report	5
Annex A (normative) Calibration schedule		7
Bibliography		9