

ISO 22879:2016-12 (E)

Castors and wheels - Requirements for castors for furniture

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Dimensions and classification	1
4.1	Characteristics	1
4.2	Fixing system	1
4.3	Castor type	2
4.3.1	General	2
4.3.2	Type H	3
4.3.3	Type W	3
4.3.4	Type C	3
4.3.5	Type S	3
4.4	Dimensions	3
4.5	Performance level	4
5	Requirements for testing	4
5.1	General	4
5.2	Standard conditions	4
5.2.1	Environmental conditions	4
5.2.2	Test sequence	4
5.3	Impact performance	5
5.3.1	Test objectives, apparatus and procedures	5
5.3.2	Test values	5
5.3.3	Tolerances	5
5.3.4	Acceptance criteria	5
5.4	Electrical resistance test	6
5.4.1	Test objectives, apparatus and procedures	6
5.4.2	Test values	6
5.4.3	Tolerances	6
5.4.4	Acceptance criteria	6
5.5	Manual locking device	6
5.5.1	Test objectives, apparatus and procedures	6
5.5.2	Test values	6
5.5.3	Tolerances	7
5.5.4	Acceptance criteria	7
5.6	Dynamic test	7
5.6.1	Test objectives, apparatus and procedures	7
5.6.2	Test values	7
5.6.3	Tolerances	7
5.6.4	Acceptance criteria	8
5.7	Rolling resistance	8
5.7.1	Test objectives, apparatus and procedures	8
5.7.2	Test values	8
5.7.3	Tolerances	8
5.7.4	Acceptance criteria	9

5.8	Swivel resistance	9
5.8.1	Test objectives, apparatus and procedures	9
5.8.2	Test values	9
5.8.3	Tolerances	9
5.8.4	Acceptance criteria	9
5.9	Static load performance	9
5.9.1	Test objectives, apparatus and procedures	9
5.9.2	Test values	9
5.9.3	Tolerances	10
5.10	Stem retention	10
5.10.1	Test objectives, apparatus and procedures	10
5.10.2	Test values	10
5.10.3	Acceptance criteria	10
6	Conformity	10
7	Marking	11
7.1	Product marking	11
7.2	Marking of electrically conductive or antistatic castors/wheels	11
	Bibliography	12