

ISO 8872:2022-11 (E)

Aluminium caps and aluminium/plastic caps for infusion bottles and injection vials - General requirements and test methods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	2
4.1	General	2
4.2	Aluminium component	2
4.2.1	Mechanical characteristics	2
4.2.2	Chemical composition	2
4.2.3	Dimensions	3
4.2.4	Contamination	3
4.2.5	Earing	3
4.2.6	Other defects	3
4.3	Plastic component	3
4.3.1	Mechanical characteristics	3
4.3.2	Chemical composition	3
4.3.3	Dimensions	3
4.3.4	Contamination	3
4.3.5	Other defects	3
4.4	Functional requirements of aluminium and aluminium-plastic caps	4
4.4.1	Opening and tear-off forces for aluminium caps	4
4.4.2	Joining of aluminium and plastic component	4
4.4.3	Opening and tear-off forces for aluminium/plastic caps	4
4.4.4	Mechanical requirements after sterilization	4
5	Test methods	4
5.1	General	4
5.2	Mechanical characteristics	5
5.3	Chemical composition	5
5.4	Dimensions	5
5.5	Earing	5
5.6	Opening and tear-off forces of aluminium and aluminium/ plastic caps	5
5.7	Test methods after sterilization	6
5.7.1	Stability of coating on aluminium	6
5.7.2	Test method for premature opening and deformation	6
6	Packaging	6
7	Marking	6
Annex A (informative) Aluminium and aluminium plastic caps - Type drawings		7
Annex B (normative) Opening and tear-off forces		8
Bibliography		13