ISO 12757-1:2016-11 (E)

Ball point pens and refills - Part 1: General use

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Requirements 1
4.1 Tip classification 1
4.2 Shapes and dimensions of refills 2
4.3 Performance 3
4.3.1 Writing performance 3
4.3.2 Strike through 3
4.3.3 Drying time 4
4.3.4 Reproducibility 4
4.3.5 Water resistance 4
4.3.6 Light resistance 4
4.3.7 Shelf life 4

5 Test equipment and accessories 4
5.1 Write test machine 4
5.2 Performance testing paper specifications 4
5.3 Eraser 5
5.4 Reproducibility apparatus 5
5.5 Light test apparatus 5

6 Testing 5
6.1 Sampling 5
6.2 Climatic conditions for testing 5
6.3 Procedure 5
6.3.1 Writing performance test 5
6.3.2 Strike through test 5
6.3.3 Drying time test 5
6.3.4 Reproducibility test 5
6.3.5 Water resistance test 6
6.3.6 Light resistance test 6
6.3.7 Shelf life test 6

7 Designation and marking 6
7.1 Designation 6
7.2 Marking 6

8 Test report 7

Bibliography 8