DIN EN 10223-7:2013-02 (E)

Steel wire and wire products for fencing and netting - Part 7: Steel wire welded panels for fencing

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Information to be obtained from the purchaser 6

5 Designation 7

6 Manufacture 7
6.1 Base metal 7
6.2 Fabrication 7

7 Requirements 7
7.1 Tensile strength 7
7.2 Size tolerances 8
7.2.1 Round wires 8
7.2.2 Other shapes 8
7.3 Mesh dimensions and tolerance 8
7.4 Coatings 8
7.4.1 Zinc and zinc alloy coatings 8
7.4.2 Organic coating 8
7.5 Weld shear strength 9
7.6 Stiffness 9

8 Sampling 9

9 Tests on panels 9
9.1 Tensile test 9
9.2 Wire dimension 10
9.3 Coating test methods 10
9.3.1 Zinc or zinc alloy coating of wire before fabrication 10
9.3.2 Hot dip zinc or zinc alloy coating by batch process (panels) 10
9.3.3 Organically coated wire after fabrication 10
9.4 Weld shear strength 10
9.5 Stiffness 11

10 Inspection 11

11 Packaging 11

Annex A (normative) Weld shear strength test method (welded mesh) 12

Bibliography 14