ISO 14811:2025-02 (E)

Ultra-low carbon high boron steel wire rod for copper cladded wire

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Designation 2

5 Ordering information 2

6 Production process 2

7 Requirements 2
7.1 Dimensions and tolerances 2
7.2 Chemical composition 3
7.3 Delivery condition 3
7.4 Mechanical properties 3
7.5 Internal soundness and surface quality 3
7.6 Depth of surface discontinuities 3
7.7 Non-metallic inclusion 3
7.8 Conductivity 3

8 Inspection 4
8.1 Inspection and inspection documents 4
8.2 Acceptance unit 4
8.3 Test methods 4
8.3.1 Diameter and out-of-roundness 4
8.3.2 Chemical composition 4
8.3.3 Tensile strength 4
8.3.4 Surface discontinuities 4
8.3.5 Non-metallic inclusion 4
8.3.6 Conductivity 4

9 Retest 5

10 Marking 5

11 Disputes 5

Bibliography 6