ISO 16120-1:2011-07 (E)

Non-alloy steel wire rod for conversion to wire - Part 1: General requirements

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Classification 2

5 Ordering information to be supplied by the purchaser 3

6 Production process 4

7 Requirements 4
7.1 General 4
7.2 Quality system 4
7.3 Method of delivery 4
7.4 Delivery condition 4

8 Dimensions, mass and tolerances 4

9 Inspection 4
9.1 Inspection and inspection documents 4
9.2 Extension of inspection 5
9.3 Acceptance unit, number of samples and test pieces 5
9.4 Sampling and preparation of samples and test pieces 6
9.5 Test methods 6
9.6 Retest 7

10 Marking 7

11 Disputes 7

Annex A (normative) Determination of core segregation 8

Annex B (informative) Measurement of surface discontinuities 11

Annex C (informative) Mechanical damage 14

Annex D (normative) Determining the percentage of resolvable pearlite 19

Bibliography 21