ISO 16574:2015-09 (E)

Determination of percentage of resolvable pearlite in high carbon steel wire rod

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Symbols and abbreviated terms 1

5 Principle 2

6 Selection and preparation of samples 2
6.1 Test location 2
6.2 Grinding and polishing 2
6.3 Etching 2

7 Evaluation of the percentage of resolvable pearlite 3
7.1 Parameters of optical microscope 3
7.2 Determination of measuring field of view 3
7.2.1 Determination of measuring locations 3
7.3 Measuring methods 4
7.3.1 Manual point count method 4
7.3.2 Automatic image analysis method 4
7.4 Reporting of results 4

Bibliography 5