

# ISO 16574:2015-09 (E)

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

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	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