ISO 945-4:2019 (E)

Microstructure of cast irons — Part 4: Test method for evaluating nodularity in spheroidal graphite cast irons

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Designations

- 4.1 Graphite classification by visual analysis
- 4.2 Graphite classification by image analysis

5 Sampling and sample preparation

6 Procedure for graphite classification

- 6.1 General
- 6.2 Procedure for visual analysis
- 6.3 Procedure for image analysis
- 6.4 Calculation of nodularity
- 6.5 Examination fields
- 6.6 Evaluation of the results

7 Reference images

8 Test report

Annex A (normative) Reference images for nodularity

Annex B (normative) Reference images for graphite particle count

Annex C (informative) Roundness of different graphite particles

Page count: 30