ISO 349:2020-01 (E)

Hard coal - Audibert-Arnu dilatometer test

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Principle ... **2**

5 Apparatus ... **3**
5.1 Apparatus for preparing the coal pencil ... 3
5.2 Dilatometer and accessories ... 3
5.3 Other apparatus ... 3
5.4 Calibration of apparatus ... 4
5.5 Inspection ... 4
5.5.1 Dilatometer ... 4
5.5.2 Mould ... 4

6 Preparation of sample ... **5**

7 Procedure ... **5**
7.1 Preparation of the coal pencil ... 5
7.2 Determination of dilatation ... 6
7.3 Cleaning of the tube and piston ... 6
7.3.1 Tube and plug ... 6
7.3.2 Piston ... 6

8 Expression of results ... **6**

9 Precision of determination ... **7**
9.1 Repeatability ... 7
9.2 Reproducibility ... 7

10 Test report ... **7**

Annex A (informative) **Types of dilatation curves** ... **8**

Annex B (informative) **Inspection of dilatometer tubes** ... **9**

Bibliography ... **15**