DIN EN ISO 18847:2024-09 (E)

Solid biofuels - Determination of particle density of pellets and briquettes (ISO 18847:2024)

Contents

Page

Foreword 4

Introduction 5

..... 3Europeanforeword

1 Scope 6

2 Normative references 6

3 Termsanddefinitions 6

4 Principle 6

5 Reagents 6

6 Apparatus 7
6.1 General apparatus requirements 7
6.2 Apparatus for pellet testing 7
6.3 Apparatus for briquette testing 8

7 Sample preparation 9
7.1 General apparatus requirements 9

8 Procedures 10
8.1 Procedure for pellets 10
8.2 Procedure for briquettes 11

9 Calculation 11

10 Performance characteristics 12
10.1 General 12
10.2 Repeatability 12
10.3 Reproducibility 12

11 Test report 12

Annex A (informative) Stereometric volume estimation 13

Annex B (informative) Estimation of the particle density of pellets by liquid displacement 17

Bibliography 19