



NSAI
Standards

Irish Standard
I.S. EN 16127:2012

Solid biofuels - Determination of length and diameter of pellets

I.S. EN 16127:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces:

This document is based on:
EN 16127:2012

Published:
8 March, 2012

This document was published under the authority of the NSAI and comes into effect on:
8 March, 2012

ICS number:

75.160.10

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

ICS 75.160.10

English Version

Solid biofuels - Determination of length and diameter of pellets

Biocombustibles solides - Détermination de la distribution
granulométrique des granulés et des briquettes cylindriques

Feste Biobrennstoffe - Bestimmung der Länge und des
Durchmessers von Pellets

This European Standard was approved by CEN on 8 January 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
Foreword.....		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 Principle.....		5
5 Apparatus		6
5.1 Measuring caliper		6
5.2 Sample reduction equipment		6
5.3 Balance		6
6 Sample preparation		6
7 Procedure		7
7.1 General.....		7
7.2 Procedure A: Determination of share of oversized pellets		7
7.2.1 Weighing.....		7
7.2.2 Sorting by length		7
7.2.3 Weighing of the fractions.....		7
7.2.4 Measuring of pellet diameter		7
7.3 Procedure B: Determination of the average length of pellets.....		7
7.3.1 Measuring of individual pellet length		7
7.3.2 Measuring of pellet diameter		8
8 Calculations.....		8
8.1 Share of oversized pellets		8
8.2 Average length of pellets		8
9 Test report		8
10 Precision and bias		8
Bibliography		9

Foreword

This document (EN 16127:2012) has been prepared by Technical Committee CEN/TC 335 “Solid biofuels”, the secretariat of which is held by SIS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Pellets with a length and diameter outside the specification can cause problems with transportation in screw conveyors and silo outlets. According to EN 14961-1, EN 14961-2 and FprEN 14961-6 measurements of length and diameter of pellets need to be performed. This document describes the measuring procedure.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-