



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 13938-7:2004

**Explosives for civil uses - Propellants
and rocket propellants - Part 7:
Determination of properties of black
powder**

Explosivstoffe für zivile Zwecke -
Treibladungspulver und
Raketentreibstoffe - Teil 7: Bestimmung
der Eigenschaften von Schwarzpulver

Explosifs à usage civil - Poudre
propulsive et propergol pour fusée -
Partie 7: Détermination des propriétés de
la poudre noire

08/2004



National Foreword

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EUROPEAN STANDARD ^{ILNAS-EN 13938-7:2004} **EN 13938-7**
NORME EUROPÉENNE
EUROPÄISCHE NORM

August 2004

ICS 71.100.30

English version

**Explosives for civil uses - Propellants and rocket propellants -
Part 7: Determination of properties of black powder**

Explosifs à usage civil - Poudre propulsive et propergol
pour fusée - Détermination des propriétés de la poudre
noire

Explosivstoffe für zivile Zwecke - Treibladungspulver und
Raketentreibstoffe - Teil 7: Bestimmung der Eigenschaften
von Schwarzpulver

This European Standard was approved by CEN on 21 June 2004.

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Foreword

This document (EN 13938-7:2004) has been prepared by Technical Committee CEN/TC 321 "Explosives for civil uses", the secretariat of which is held by AENOR.

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of an identical text or by endorsement, at the latest by February 2005, and conflicting national standards shall be withdrawn at the latest by February 2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This document is one of a series of standards with the generic title *Explosives for civil uses – Propellants and rocket propellants*. The other parts of this series are listed below:

prEN 13938-1 Part 1: Requirements

prEN 13938-2 Part 2: Determination of resistance to electrostatic energy

EN 13938-3 Part 3: Determination of deflagration to detonation transition

EN 13938-4 Part 4: Determination of burning rate under ambient conditions

EN 13938-5 Part 5: Determination of voids and fissures

EN 13938-6 Part 6: Guide for the determination of integrity of inhibitor coatings

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