BRITISH STANDARD

BS EN 12606-1:2000
BS 2000-459.1:2000

Methods of test for petroleum and its products — BS 2000-459.1: Bitumen and bituminous binders — Determination of the paraffin wax content —

Part 1: Method by distillation (Identical with IP 459.1:2000)

The European Standard EN 12606-1:1999 has the status of a British Standard

ICS 75.140; 91.100.50

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee PTI/13, Petroleum testing and terminology, which has the responsibility to:

— aid enquirers to understand the text;

— present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;

— monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

The Institute of Petroleum publishes and sells all parts of BS 2000, and all BS EN petroleum test methods that would be part of BS 2000, both in its annual publication "Standard methods for analysis and testing of petroleum and related products and British Standard 2000 Parts" and individually.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 11 and a back cover.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12606-1

October 1999

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English version

Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation

Bitumes et liants bitumineux - Détermination de la teneur en paraffines - Partie 1: Méthode par distillation

Bitumen und bitumenhaltige Bindemittel - Bestimmung des Paraffingehalts - Teil 1: Destillationsverfahren

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 19, Petroleum products, lubricants and related products, the Secretariat of which is held by NNI.

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of an identical text or by endorsement, at the latest by April 2000, and conflicting national standards shall be withdrawn at the latest by April 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European Standard is based upon DIN 52015:1980.

This European Standard EN 12606 consists of the following parts under the general title, Bitumen and bituminous binders – Determination of the paraffin wax content:

– Part 1: Method by distillation;
– Part 2: Method by extraction.

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1 Scope

This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the distillation method.

WARNING: The use of this European Standard can involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 58, *Sampling bituminous binders*

EN 12594, *Bitumen and bituminous binders- Preparation of test samples*

EN ISO 3696, *Water for analytical laboratory use - Specification and test methods (ISO 3696:1987)*

ISO 383, *Laboratory glassware – Interchangeable conical ground joints*

ISO 2207, *Petroleum waxes- Determination of congealing point*

3 Terms and definitions

For the purposes of this European Standard, the following definition applies.

3.1
paraffin wax
mixture of hydrocarbons crystallizing in an ether/ethanol 50 % *(V/V)* mixture at temperatures down to -20 °C, obtained by a specified process and having a range of melting of above 25 °C.

4 Principle

Paraffin wax present in bitumen is determined in the distillate obtained from a specified distillation process.

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