

# Insulating liquids — Measurement of relative permittivity, dielectric dissipation factor ( $\tan \delta$ ) and d.c. resistivity

The European Standard EN 60247:2004 has the status of a  
British Standard

ICS 17.220.99; 29.040.10

## National foreword

This British Standard is the official English language version of EN 60247:2004. It is identical with IEC 60247:2004. It supersedes BS 5737:1979 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/10, Fluids for electrotechnical applications, which has the responsibility to:

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 26 April 2004

### Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 27 and a back cover.

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### Amendments issued since publication

Amd. No.	Date	Comments

English version

**Insulating liquids –  
Measurement of relative permittivity,  
dielectric dissipation factor ( $\tan \delta$ ) and d.c. resistivity  
(IEC 60247:2004)**

Liquides isolants –  
Mesure de la permittivité relative,  
du facteur de dissipation diélectrique  
( $\tan \delta$ ) et de la résistivité en courant  
continu  
(CEI 60247:2004)

Isolierflüssigkeiten –  
Messung der Permittivitätszahl,  
des dielektrischen Verlustfaktors ( $\tan \delta$ )  
und des spezifischen Gleichstrom-  
Widerstandes  
(IEC 60247:2004)

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## CENELEC

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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