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Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for water purification performance of semiconducting photocatalytic materials by measurement of forming ability of active oxygen

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

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Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for water purification performance of semiconducting photocatalytic materials by measurement of forming ability of active oxygen

Céramiques techniques — Méthode d'essai relative à la performance des matériaux photocatalytiques semi-conducteurs pour la purification de l'eau par mesurage de la capacité de formation de l'oxygène actif

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Contents

Page

Foreword iv
Introduction v
1 Scope 1
2 Normative references 1
3 Terms and definitions 1
4 Principle 2
5 Apparatus 2
6 Reagent (test solution) 4
7 Preparation of test piece 5
8 Procedure 5
9 Calculation 6
10 Test report 8
Annex A (informative) **Examples of test results** 9
Bibliography 11

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Foreword

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ISO 10676 was prepared by Technical Committee ISO/TC 206, *Fine ceramics*.

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Introduction

Photocatalysis has many excellent functions including self-cleaning, antifogging, antibacterial actions, deodorization and removal of pollutants under light irradiation and, therefore, its application fields have been enlarged recently.

Among these applications, photocatalysis for water purification, which eliminates the pollutants in water, is being developed and its products are arriving on the market. Accordingly, there is strong demand for a test method which enables correct evaluation of the water purification performance.

This International Standard describes a test method for determining the water purification performance of photocatalytic materials used for water purification application.

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