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Plastics — Determination of burning behaviour by oxygen index —

Part 4: High gas velocity test

Plastiques — Détermination du comportement au feu au moyen de l'indice d'oxygène —
Partie 4: Essai à vitesse élevée de gaz

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Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 4, *Burning behaviour*.

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Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document has been prepared to extend the test methods available for the determination of flammability by oxygen index to higher gas velocity of oxygen/nitrogen mixture to which plastic materials can be exposed in a service situation where the gas velocity is higher than that specified in ISO 4589-2. The gas velocity at the position of the test specimen is measured prior to the test.

The output of the test described in this document can be used, for example, in the evaluation of the burning behaviour of plastics materials used in circumstances where forced ventilation air flow governs the supply of oxygen to the fire. See References [10] to [16].