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AMENDMENT 1
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Plastics — Differential scanning calorimetry (DSC) —

Part 6: Determination of oxidation induction time

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Plastiques — Analyse calorimétrique différentielle (DSC) —
Partie 6: Détermination du temps d'induction à l'oxydation
AMENDEMENT 1

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Foreword

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Amendment 1 to ISO 11357-6:2002 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

Plastics — Differential scanning calorimetry (DSC) —

Part 6: Determination of oxidation induction time

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Page 2, Subclause 5.1

Add after the second paragraph:

For quality-control and routine measurements where lower accuracy can be accepted, the thermal stability of the instrument may be reduced to ± 0,3 °C over the duration of the test and a maximum temperature of 500 °C is acceptable.

NOTE Reducing the thermal stability (i.e. widening the thermal-stability tolerance limits) will affect the repeatability and reproducibility of the procedure.

Page 3, Clause 6

In item c), change the end of the first sentence to read:

... so as to obtain specimens with a thickness between 550 µm and 750 µm (giving a mass between approximately 13 mg and 17 mg).

Page 4, Subclause 9.6

Add at the end of the last paragraph on this page:

However, for quality-control and routine measurements, the parties concerned may agree to test only one specimen in order to save time and make more economical use of the available measurement capacity.

NOTE Reducing the test frequency will affect the repeatability and reproducibility of the procedure.

Page 5, Subclause 9.6

Replace the paragraph below Figure 1 by the following:

Clean the DSC cell of contamination in accordance with the instrument manufacturer's instructions. If no such instructions are available, heat the cell to a temperature between 500 °C and 600 °C for 5 min in air (or oxygen), at frequencies dictated by good laboratory practice.

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