

INTERNATIONAL  
STANDARD

**ISO**  
**11248**

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**Plastics — Thermosetting moulding  
materials — Evaluation of short-term  
performance at elevated temperatures**

*Plastiques — Matières à mouler thermodurcissables — Évaluation des  
performances à court terme aux températures élevées*



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## ISO 11248:1993(E)

**Foreword**

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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## Introduction

Plastic materials, when exposed to heat, may undergo physical and/or chemical changes. The extent of such changes is dependent upon temperature and exposure time. These changes may or may not be evident when the plastic materials are returned to ambient temperature.

In ISO 2578:1993, *Plastics — Determination of time-temperature limits after prolonged exposure to heat* and similar standards, testing is carried out at ambient temperature. In such standards it is primarily the permanent effects of thermal oxidation on plastics exposed to elevated temperatures for extended periods of time which are addressed. Undefined, however, are any high-temperature physical and or chemical changes that occur while the materials are exposed to the elevated temperatures. This International Standard is designed to provide data indicating how plastic materials may perform at elevated temperatures under mechanical and/or electrical stress.