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Plastics — Test specimens

Plastiques — Éprouvettes



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Contents			Page	
Fore	eword		iv	
Intr	Introduction			
1	Scope		1	
2	Normative references			
3	Terms and definitions			
4	Symbols			
5	Preparation of test specimens			
	5.1 General			
		oulding of test specimens		
		on moulding of test specimens		
	5.4 Preparation of test specimens by machining			
6	Types of test specimen and their dimensions		4	
	6.1 Types of test specimen			
		specimens with parallel-sided central section		
		nsile test specimens type A1 and type A2		
	6.2.2 Rec	duced-scale test specimens	6	
		ecimens (type B)		
		le specimens (type C)		
		e specimens (type D)r plate specimens (type F)		
7	9	ration of test specimens		
Ann				
AIIII	parts thereof	commended applications for multipurpose test specimens or	11	
Ann	ex B (normative) Des	ignation system for test specimens	12	
		T		
~101			A I	

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical behaviour*.

This second edition cancels and replaces the first edition (ISO 20753:2008) which has been technically revised.

The main changes compared to the previous edition are as follows:

- updating and amending the normative references in <u>Clause 2</u>;
- introducing the plate with dimensions 120 mm × 80 mm × 2 mm.

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

Information on plastics test specimens has been specified in several different locations: in test method standards (e.g. ISO 527-2), in ISO 3167 (for multipurpose test specimens) and in ISO 294-1, ISO 294-2, ISO 294-3 and ISO 294-5 (for moulding conditions). The aim of this document is to give the designations and dimensions of test specimens used for the acquisition of comparable data, and also of other frequently used specimens, in one document for ease of reference. Other International Standards that have hitherto used different designations for the same specimen type will also be revised to bring the designations into line with those in this document.

ISO 3167 is intended to be withdrawn after reference to ISO 3167 in International Standards is gradually replaced with the appropriate test specimen defined in this document.