
**Information technology — Print
cartridge characterization —**

**Part 2:
Cartridge characterization data
reporting**

*Technologies de l'information — Caractérisation de cartouche
d'impression —*

Partie 2: Rapport de données de caractérisation de cartouche



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 29142-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 28, *Office equipment*.

Introduction

The purpose of this part of ISO/IEC 29142 is to provide consistent documentation and reporting methods, for customer understanding, for the cartridge characterization test methods and provisions of ISO/IEC 29142. Specifications for notification and reporting applicable for the ink and toner cartridge attribute characterization methods established in ISO/IEC 29142, and the environmental provisions established in ISO/IEC 29142-3, are given in this part of ISO/IEC 29142.

Attributes characterized according to ISO/IEC 29142 standardized or specified test methods that comply with the test method requirements defined in ISO/IEC 29142-1, and environmental evaluations additionally in compliance with the provisions of ISO/IEC 29142-3, after inclusion in ISO/IEC 29142-2, [Annex A](#), can be chosen for reporting, based on the manufacturer decision regarding the importance of the attributes and provisions to the intended customer. This part of ISO/IEC 29142 defines the documentation and reporting that are required to be used, if such an attribute is chosen to be characterized and reported.

Such reported attributes and provisions do not provide for a complete cartridge attribute characterization; however, the consistent information provided for each attribute, and the consistent testing underlying that information, enables comparison of provided provisions and attribute characterization results.

Information technology — Print cartridge characterization —

Part 2: Cartridge characterization data reporting

1 Scope

This part of ISO/IEC 29142 establishes the product and package labelling, and related reporting provisions for toner and ink cartridges used in printing devices that have a digital input printing path, including multi-function devices. This part of ISO/IEC 29142 is intended for equipment used in office environments.

This part of ISO/IEC 29142 defines the information requirements for the cartridge characterization documentation on packaging and cartridges, and in reports.

The labels, notifications, and reports established herein are specified in accordance with the terms, symbols, notations and framework of ISO/IEC 29142-1. The cartridge characterization tests that determine the test report information of the labels, notifications, and reports established herein are standardized or specified in parts of the ISO/IEC 29142 series.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 19752, *Information technology — Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components*

ISO/IEC 19798, *Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components*

ISO/IEC 24711, *Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components*

ISO/IEC 29142-1, *Information technology — Print cartridge characterization — Part 1: General: terms, symbols, notations and cartridge characterization framework*

ISO/IEC 29142-3, *Information technology — Print cartridge characterization — Part 3: Environment*