

Temat: Kontrola jakości produktów firmy Katun Corporation

Do: wszystkich, których może dotyczyć poniższa wiadomość

Niniejszym firma Katun potwierdza jako producent, iż kontrola jakości i wydajności produktów odbywa się w zgodzie z międzynarodowymi standardami, co jest potwierdzone certyfikatem międzynarodowej organizacji ITC (Imaging Technology Council). Firma Katun prowadzi proces kontroli wyrobów w swoim laboratorium, zlokalizowanym w Minneapolis, w Stanach Zjednoczonych.

W chwili obecnej, do kontroli produkcji, Katun stosuje standardy organizacji takich jak: ASTM, ISO oraz ISTA. W załączeniu prezentuję certyfikat ITC oraz lista przedstawiającą normy stosowane do badania jakości, wydajności oraz odporności opakowania na wszelkie uszkodzenia transportowe.

1. ASTM F577-03e1. Standard Test Method for Particle Size Measurement of Dry Toners.

This test method covers aperture particle size analysis using an electronic sensing zone apparatus provided with a digital pulse processor. Dry inks, toners, and so forth, are covered. Particles as small as 1 μ m and as large as 120 μ m can be analyzed.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. ASTM F875-94(2003)e1. Standard Test Method for Evaluation of Large Area Density and Background on Office Copiers.

This test method covers the description and method of use for a density and background test target for office copier image evaluation.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

3. ASTM F995-97(2001). Standard Practice for Estimating Toner Usage in Copiers Utilizing Dry Two-Component Developer.

This practice describes a procedure for estimating the number of copies that can be produced for a given unit of toner in a copier using dry two-component developer.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of whoever uses this standard to

consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

4. ASTM F1351-96(2002). Standard Practice for Determination of the Effect of Hard Creasing Paper on Images Produced by Business Imaging Systems.

This practice describes a procedure for hard creasing paper in a uniform and reproducible manner.

The crease is positioned across the image and the amount of image degradation is determined.

The effect of creasing on the paper surface can also be determined.

The values stated in inch-pound units are to be regarded as the standard. The SI units given in parentheses are for information only.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

5. ASTM F1425-92(1996). Standard Test Method for Determining the Tribocharge of Two-Component Developer Materials

This test method describes a technique for measuring the tribocharge or charge-to-mass ratio of a sample of developer material.

This test method determines the concentration of toner in a sample of developer material.

6. ASTM F1856-04. Standard Practice for Determining Toner Usage for Printer Cartridges.

This practice covers a procedure to determine the weight of toner used for printing a single page derived from an electrophotographic process. The practice uses a printer text target specifically developed for each printer for a page coverage of 5 0.5 % of the printable area. This practice requires specific tools and skills for disassembling and reassembling printer cartridges.

The values stated in inch-pound units are to be regarded as the standards. The SI units given in parentheses are for information only.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

7. ASTM F2036-04. Standard Test Method for Evaluation of Larger Area Density and Background on Electrophotographic Printers.

This test method describes the procedure for measuring the monochrome diffuse reflection print density and background for large areas on printed pages from electrophotographic printers. It describes the test target and calculations for evaluating the print density and background.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

8. ISO/IEC 19752. An ISO standard method for the determination of toner cartridge yield for monochrome laser printers.

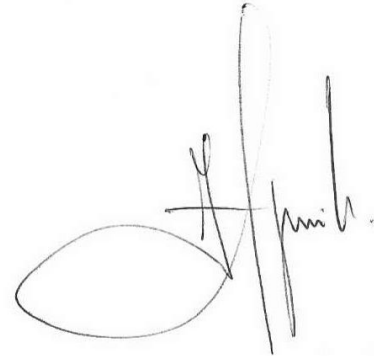
ISO/IEC 19752 strives for a comprehensive and rigorous definition of the measurement process with the purpose of creating clear and objective criteria for comparison of cartridge yields. In particular, the standard provides a detailed definition and description of:

Test preparations and environmental conditions :

- Sample size (at least 3 printers with 3 cartridges each)
- Paper type
- Print mode
- Test document (provided in PDF format)
- Cartridge and printer source (*not* supplied by manufacturer; purchased on the open market from at least three different sources)
- Error and process handling
- End-of-life criteria (for example, how many times the cartridges should be shaken)

9. ISTA 1A. Non-Simulation Integrity Performance Test Procedure for Packaged-Products 150 lb (68 kg) or Less.

Z poważaniem,

A handwritten signature in black ink, consisting of a large, stylized initial 'M' followed by a series of loops and a final vertical stroke.

Mariusz Sprawnik
Regional Sales Manager
Katun (E.D.C.) B.V.