

# 3<sup>rd</sup> PARTY TONER TEST

TUV STUDY INTO COMPATIBLE TONERS

KYOCERA Document Solutions products are developed to give you best value, quality and reliability. In order to verify this KYOCERA Document Solutions Europe BV contracted the German company TÜV Rheinland to do a comprehensive independent test on image quality and efficiency of genuine KYOCERA toner in comparison to three compatible 3<sup>rd</sup> party toners.

## TEST METHODOLOGY

Device: ECOSYS P6026cdn

For each toner brand, TÜV Rheinland used the same device type.

3 printers for each toner brand, to get statistically viable results.

Genuine KYOCERA Toner TK-590 ..... ECOSYS P6026cdn x 3

Brand "A" 3rd Party Toner compatible with TK-590 ..... ECOSYS P6026cdn x 3

Brand "B" 3rd Party Toner compatible with TK-590 ..... ECOSYS P6026cdn x 3

Brand "C" 3rd Party Toner compatible with TK-590 ..... ECOSYS P6026cdn x 3

## THE RESULTS

### Print quality more reliable by up to 9 times

- > Fading images on 2 printers with Toner B at approximately 5,000 prints.
- > Up to 9 times more non usable prints with 3rd party toner.
- > The intensity difference in the visual consideration of the colors between 3rd party toner and original toner is noticeable.

### KYOCERA product had zero down time, therefore more reliable

- > 3rd party Toner C caused damaged to 4 developer units in two printers.
- > Toner leakage in two new toner cartridges of Toner A and one cartridge from Toner B.

### Up to 73% more waste toner with 3rd party toner

- > Waste toner boxes not supplied in 65 (out of 69) of Toner A boxes.

## GET A GENUINE ADVANTAGE AND KEEP YOUR BUSINESS RUNNING

Insist on genuine KYOCERA toner.

**PRINT QUALITY**

- > Significant higher amount of misprints class 3 (significant errors, disturbing) with 3<sup>rd</sup> party toner.
- > Up to 9 times higher with Toner A



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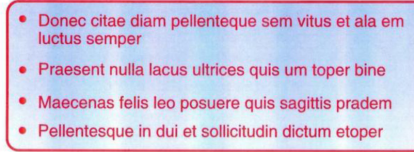


\*No figures available as toner C caused damage to the developer unit.

**TEST OF EVENNESS:**

- > KYOCERA toner ..... Satisfactory
- > Toner A ..... Poor
- > Toner B ..... Poor
- > Toner C ..... Poor

\*scale of evaluation: Good, (no visible unevenness,) satisfactory, (undisturbing, Poor: disturbing.)



**WASTE TONER:**

- > Up to 73% more waste toner with 3<sup>rd</sup> party toner.
- > Only 4 of 69 toner containers of Toner A included a waste toner box.

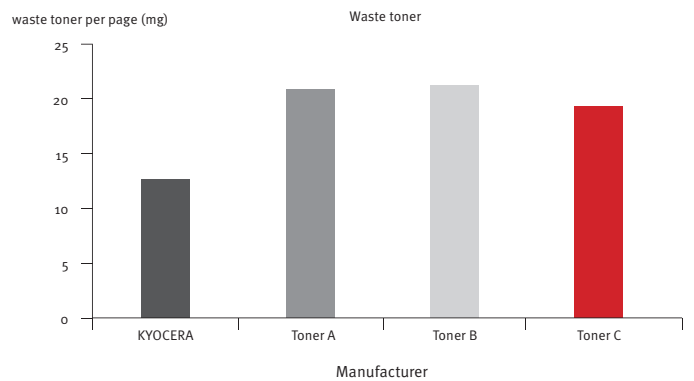
**TEST CRITERIA:**

- Blackness-lightness
- Adhesion
- Contrast
- Background
- Evenness
- Ghosting
- Waste toner

**Number of misprints:**

- Class 1: Marginal, hardly visible, to be used for correspondence
- Class 2: Error, significantly visible, not annoying, but to be used for correspondence
- Class 3: Significant errors, disturbing mechanical errors and leakage

Toner C



FOR MORE INFORMATION ABOUT THIS 3<sup>rd</sup> PARTY TONER TEST, PLEASE VISIT

[www.kyoceradocumentsolutions.co.uk/consumables](http://www.kyoceradocumentsolutions.co.uk/consumables)

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