What Is ISO 2846 Ink Conformance Testing?

The International Organization for Standardization (ISO) developed the ISO 2846 conformance standard in an effort to promote consistency and quality throughout the printing process. This standard establishes specifications for color and transparency of process inks.

As customers continually demand higher quality materials, both printers and suppliers must be prepared to meet these demands. When a printer purchases inks meeting the ISO 2846 standard, they can be confident that these inks’ color hues help make successful color management possible. Additionally, printers who are using ISO 12647 and G7™* are required to use ink sets that are ISO 2846-compliant.

All types of lithographic, flexographic, and gravure inks are able to be evaluated for ISO 2846 conformance, including sheetfed and web heatset, coldset, conventional, UV, hybrid, solvent, and water-based ink sets.

Printing Industries of America is the leading provider of ISO 2846 conformance testing and was instrumental in the development of the ISO 2846 standard.

*G7 is a trademark of IDEAlliance
Verified by Printing Industries of America, ISO 2846 Compliant Inks

Below is a list of products that have been verified by Printing Industries of America ISO 2846 Conformance tested with the most recent tested ink at the top of the list.

Lab Services
ISO 2846 Ink Conformance Testing

If you are an ink supplier and would like your inks listed here, contact us for more information on ISO 2846 Ink Conformance Testing at labservices@printing.org.

(Revised May 2011)

1 – ISO 2846-1, Sheetfed/Heatset Web
2 – ISO 2846-2 Coldset/Newspaper
3 – ISO 2846-3, Gravure
4 – ISO 2846-4, Screen
5 – ISO 2846-5, Flexo
Why Choose Printing Industries of America for ISO 2846 Ink Conformance Testing?

Inks that are tested and verified to meet the standard are uniquely marketable. Manufacturers submitting inks that are determined to be compliant will receive:

- Inclusion in the directory of Printing Industries of America-tested, Verified ISO 2846-compliant inks on www.printing.org/iso2846ink with a link to your company’s website
- Use of the “Conformance Tested” logo for your product packaging and marketing
- Two verified ISO 2846 conformance certificates per ink set
- A report indicating the ink set’s conformance

Contact Information

For more information and for a proposal, please email labservices@printing.org or contact Lindsay Ferrari at 412-259-1785.