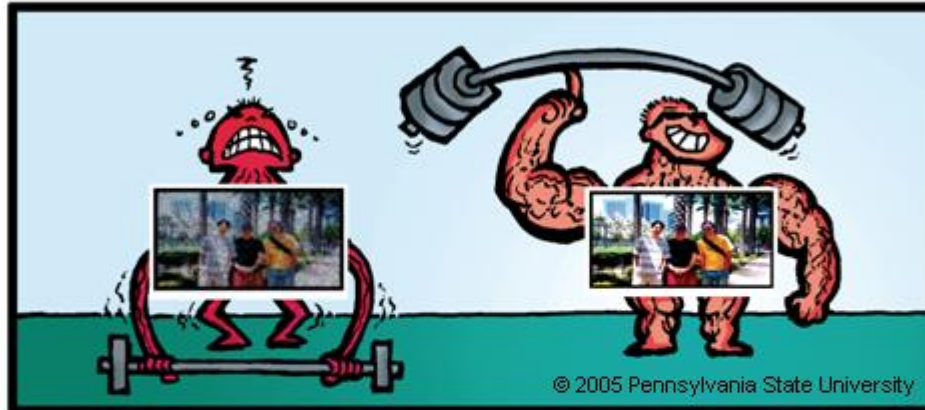


What is the Product?

Kodak Ultima Picture Paper



What is it used for?

This is paper used to print digital pictures on a home printer.

What's nano about it?

- The paper is composed of nine layers, which includes the paper, resin, and coatings.
- The top layer is a proprietary* ceramic nano-particle layer that improves the mechanical strength and gloss of the paper.

How does it work?

- Smaller particles smooth out the roughness in the paper better than larger particles.
- This allows light to reflect more evenly making the paper look glossy.
- The multiple separated layers must adhere to one another and mechanical strength is a result of this layering.

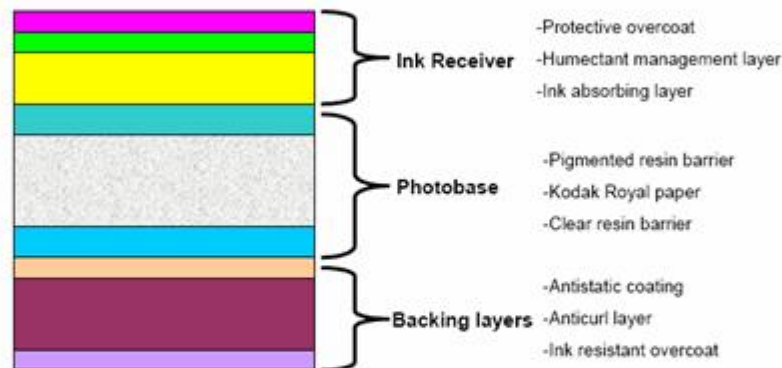


Figure 1. Cross-section schematic of the new KODAK Ultima Picture Paper, showing the 9 separate layers.

Courtesy of Kodak

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Does it have other applications?

- Kodak is developing inks with smaller particles that bleed less and don't clog inkjet printer nozzle heads.

Price?

- The paper sells for approximately \$7.00 for 20, 4" x 6" sheets.

Glossary:

- **Proprietary** (adj) - Information that is privately owned and is kept secret and patented* to prevent others from reproducing the results for profit.
- **Patent** (n) - A grant made by a government that confers upon the creator of an invention the sole right to make, use, and sell that invention for a set period of time.

This information was obtained from:

- Kodak
- Definitions were obtained from Dictionary.com

