

CHROMA

As Real As Real Gets

TOPPAN
TOPPAN Security

The world's first
personalisation laser
technology to deliver
full-colour, photo-realistic,
portraits on polycarbonate
identity documents

KEY CHARACTERISTICS

- Delivers **superior imagery quality**
- **100% colour laser** with a wide colour gamut on polycarbonate
- Compatible with **conventional security features** such as litho print, surface embossing & DOVID's, UV printing overlap
- **Tamper resistant** and **highly durable**
- High **market compatibility**



HOW CHROMA WORKS

Single, precisely controlled laser beam activating photosensitive dyes of cyan, magenta, and yellow within the card's internal polycarbonate matrix.

CHROMATECH

CHROMA Laser module compatible with a range of equipment available on the market and the module can be integrated into existing production facilities

RESOLUTION

800+ dpi resolution with three laser inputs per laser beam shot

CHROMA PERSONALISATION TIME

Similar to classic laser (black-and-white)

CHROMA PERSONALISATION VOLUME PER HOUR

Personalise up to 150 books per hour