CURIOUS. by antalis CREATIVE POWER

Curious Matter differs from the other in its feel, which is somewhere between silk and sand. In addition, Curious Matter offers a good colour pallet, ranging from neutral tones such as Goya White and Andina Grey to intense tones such as Adiron Blue, Désirée Red and Black Truffle.

Curious Matter is a good tool to add a sensory experience to your creative project.

Printing Guidelines

Offset litho

- Design and Pre-press: We recommend screen ruling of 130-150 lpi. Under-colour removal can considered used depending on the quality of the visual. Aim for the total ink film weight of 260%.
- Printing ink: We recommend the use of a conventional positive drying ink with our without infrared drying assistance. Oxidizing inks or UV inks are suitable.
- Paper handling: We recommend 35 microns anti set off spray for board and 20 microns for paper in order to avoid marking and set-off when printing.

Sealer and coatings

They can be used to reduce marking for further operation, but coatings are not recommended as they can change the feel of the paper. Make sure the inks are suitable. Best results are obtained when the inks are dry before sealing.

Varnishing

Ensure appropriate inks are used before varnishing and that the inks are completely dry before applying the varnish.

Hot foil stamping

Curious Matter can be stamped and foils. Trials may be recommended to validate compatibility with the foil.

Film lamination

The paper can be laminated. However, there will be some “silvering” to reduce silvering, increase lamination pressure apply excess adhesive if wet glue lamination is used.

Die and laser cutting

Matter papers and boards can be die cut. During laser cutting, scratches are visible around the cut area and the colour inside the paper will change, you can play with this to create nice designs.

Binding and adhesives

It is possible to glue the papers to themselves and to other materials. Standard binding techniques can also be used.

Office Printing

The compatibility with office printers should be tested, the range is not suitable for inkjet printers.

Digital technologies

Curious Matter is suitable for Dry Toner and Curious Matter Digital is suitable for HP Indigo printing.

ECF ISO 14001 ISO 9706 ISO 9001

pH NEUTRAL

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Dry Toner ®

Property & Unit	Standard			
GSM	EN ISO 536	**135**	**270**	**380**
Caliper (µm)	ISO 534	210	365	480
Goya white opacity (%)	ISO 2471	92	93	-
Bendtsen Roughness (ml/min)	ISO 2492	1600		
Stiffness [M / C direction] (mN)	ISO 2493	11 / 6	90 / 50	220 / 100
Moisture content (%)	ISO 287	6.5		
Relative humidity (%)	TAPPI T502	40 - 60		

* To know more about the HP Indigo suitable items, please refer to Curious Matter Digital data sheet

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification.
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