



Sparkling, fancy and timeless these are the best ways to define the Curious Metallics range. Among its 17 colours we have the exceptional Ice Silver, Ice Gold, Super Gold and Night, the range is full of amazing colours perfect to respond to all your needs.

Curious Metallics offer many possibilities of ideas and creations with its different weights and shades, it is perfect for book covers, posters, wedding invitations, greeting cards as well as for luxury packaging. It is also available in digital formats for customized or short-run projects.

## Printing Guidelines

---

### Print Techniques

Suitable for widely used print techniques, including offset lithography, letterpress, embossing, debossing, silk screening, die-stamping and foil-blocking. A pre-test is recommended for thermography.

### Preparation

Avoid extreme humidity or temperature condition and keep the paper as long as possible in the wrapper before use.

### Inks

We recommend using fully oxidising inks. Please consult your ink manufacturer for specific colours or formulations. Curious Metallics does not contain ground metals and are not foil papers.

### Screen Ruling

We recommend screen rulings of 130-163 lpi to obtain the best result.

### Laminating

The paper accepts laminates easily, although some 'silvering' may occur. Increase laminating pressure and apply excess adhesive to help reduce silvering. Laminates will reduce or negate the metallic effect.

### Spraying

We recommend using spray powder with a particle size of 35 microns or above when printing board weights.

### Digital Printing

Curious Metallics is suitable for Dry Toner and Curious Metallics Digital is certified for HP Indigo Printing.



Dry Toner ®

Property & Unit	Standard	Side or Direction			
GSM (g/m <sup>2</sup> )	ISO 536	-	120	250	300
Thickness (µm)	ISO 534	-	157	335	400
Roughness Bendtsen (%)	ISO 8791-2	Front	550	550	550
Roughness Bendtsen (%)	ISO 8791-2	Back	650	650	650
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	MD	300	150	240
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	CD	150	75	120
Absolute Humidity (%)	ISO 287	-	6.0	6.0	6.0
Bulk (cm <sup>3</sup> / g)	ISO 534	-	1.31	1.34	1.33

\* For further information regarding the HP Indigo certified items, please refer to Curious Metallics 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. Issue date: April 2024



Dry Toner ®

Property & Unit	Standard	Side or Direction			
GSM (g/m <sup>2</sup> )	ISO 536	-	120	250	300
Thickness (µm)	ISO 534	-	138	292	365
Roughness Bendtsen (%)	ISO 8791-2	Front	250	250	250
Roughness Bendtsen (%)	ISO 8791-2	Back	400	350	350
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	MD	220	110	200
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	CD	110	55	100
Absolute Humidity (%)	ISO 287	-	6.0	6.0	6.0
Bulk (cm <sup>3</sup> /g)	ISO 534	-	1.15	1.17	1.24

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: April 2024



Dry Toner ®

Property & Unit	Standard	Side or Direction			
GSM (g/m <sup>2</sup> )	ISO 536	-	120	250	300
Thickness (µm)	ISO 534	-	157	335	400
Roughness Bendtsen (%)	ISO 8791-2	Front	550	550	550
Roughness Bendtsen (%)	ISO 8791-2	Back	650	650	650
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	MD	300	150	250
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	CD	150	75	125
Absolute Humidity (%)	ISO 287	-	6.0	6.0	6.0
Bulk (cm <sup>3</sup> / g)	ISO 534	-	1.31	1.34	1.33

\* For further information regarding the HP Indigo certified items, please refer to Curious Metallics 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. Issue date: April 2024



Dry Toner ®

Property & Unit	Standard	Side or Direction		
GSM (g/m <sup>2</sup> )	ISO 536	-	120	300
Thickness (µm)	ISO 534	-	157	400
Roughness Bendtsen (%)	ISO 8791-2	Front	550	550
Roughness Bendtsen (%)	ISO 8791-2	Back	650	650
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	MD	300	250
L&W Stiffness[15° / 50 mm] (mN)	ISO 2493	CD	150	125
Absolute Humidity (%)	ISO 287	-	6.0	6.0
Bulk (cm <sup>3</sup> /g)	ISO 534	-	1.31	1.33

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: April 2024

