



GRYCKSBO

G-Print Smooth

G-Print Smooth is a paradox. It is a wood-free, coated matt paper for demanding image reproduction, yet with significant bulk and stiffness - and a low-reflecting surface which guarantees good readability.

User benefits

G-Print Smooth has a smooth surface for reproduction of high-resolution photo. Opacity, bulk and stiffness are very high compared to other silk and matt papers. It also features rich paper feel, outstanding runnability and post-treatment properties.

Repro

Normally the paper does not set the limits. Typical screen rulings are 185 and 200 lines/inch (74 and 80 lines/cm).

Printing processes

Sheet fed and heat set web offset, letterspress and most digital presses. HP Indigo certificate applies for G-Print Smooth. Silk screen for 115 g/m² and higher. Standard inks for matt papers. The pressure between blanket cylinder and impression cylinder is recommended to be 0.18-0.20 mm.

Binding processes

Thread, wire and adhesive binding. Scoring is recommended when folding grammages of 150 g/m² and higher.

Surface treatment

Varnishing and laminating can be used.

Range

Various sizes are available in grammages from 90 to 250 g/m².

Quality system

The quality system of the mill is approved according to ISO 9001

Health and environment

G-Print Smooth fulfills the European Standard "Safety of Toys" (DIN EN 71 part 3).

The pulp used is chemical pulp of ECF.

G-Print Smooth fulfills the requirements for permanence of paper according to ISO 9706:1994.

The environmental system of the mill is approved according to ISO 14001 and EMAS.

The mill holds Chain-of-Custody certifications for both FSC and PEFC, thus G-Print Smooth can be supplied as certified paper accordingly.

G-Print Smooth is ideal for art books, covers, luxury magazines, Direct Mail, brochures, catalogues, folders, posters, insert and cards.]

Production target values

Substance (g/m ²)	Caliper (µm)	Bulk (cm ³ /g)	Roughness (PPS µm)	CIE Whiteness (% D65/10)	Brightness (% D65/10)	Opacity (% D65/10)	Gloss Tappi (% TAPPI 75)
ISO 536	ISO 534	ISO 536:1995	ISO 8791-4	ISO 11475	ISO 2471	ISO 2471	ISO 8245/1
90	82	0.91	1.8	119	97	92	<30
100	91	0.91	1.8	119	97	94.5	<30
115	107	0.93	1.8	119	97	96	<30
130	125	0.96	1.8	119	97	97	<30
150	145	0.97	1.8	119	97	98	<30
170	165	0.97	1.8	119	97	>98	<30
200	203	1.02	2.2	119	97	99.1	<30
250	255	1.02	2.2	119	97	>99.5	<30

Details and specific supplier conditions are subject to the contract. The "General Trade Rules for Sales of Paper and Paperboard" apply for all Grycksbo Paper's sales and deliveries of paper. Go to www.gprint.com for more information.

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