

IQ PREMIUM

The high-performance paper



IQ PREMIUM is a powerful paper that portrays you so ingeniously that a lasting impression is made. It provides clearness and eye-catching contrast. Whether printing sharp text or stunning colour graphics, the premium paper, due to its very high white and its perfect opacity, encompasses all prerequisites, and is highly suitable for duplex printing. Its wide range of dimensions and grammages make it a paper of extraordinary performance.

Certificates



Further certificates

ISO 9706 Ageing Resistance, ISO 9001, ISO 14001, ECF Confirmation, REACH, ColorLok, Free of Heavy Metals, DIN 12281

Product benefits

One shade and quality from 60 to 400 g/m² for consistent appearance in any application

High whiteness is ideal for high contrast applications

Highest bulk leads to cost savings

Best in print quality, stability, runnability proven on all leading print machines

Typical applications

Letterheads, Business cards, Company reports, Direct mail, Marketing brochures, Invitations, Manuals, Envelopes

Technical specification

Parameter Name	Unit	ISO code	70 ¹	70 ²	80 ³	80 ⁴	90 ⁵	90 ⁶	100 ⁷	100 ⁸	120 ⁹	120 ¹⁰	135	160 ¹¹	160 ¹²
Basis weight	g/m ²	ISO 536	70 ± 2.5	70 ± 2.5	80 ± 3.0	80 ± 3.0	90 ± 3.5	90 ± 3.5	100 ± 4.0	100 ± 4.0	120 ± 4.0	120 ± 4.0	135 ± 4.0	160 ± 6.0	160 ± 6.0
Caliper	µm	ISO 534	96 ± 3	96 ± 3	107 ± 3	108 ± 3	119 ± 3	118 ± 3	131 ± 4	131 ± 4	153 ± 4	153 ± 4	173 ± 4	202 ± 5	202 ± 5
Opacity	%	ISO 2471	91.0 ± 1	91.0 ± 1	94.0 ± 1	94.0 ± 1	95.0 ± 1	95.0 ± 1	96.0 ± 1	96.0 ± 1	97.5 ± 1	97.5 ± 1	98.0 ± 1	99.0 ± 1	99.0 ± 1
Moisture abs.	%	ISO 287	4.6	5.2 ± 0.5	5.0 ± 0.5	5.2 ± 0.5	5.0 ± 0.5	5.2 ± 0.5	5.0 ± 0.5	5.2 ± 0.5	5.0 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.0 ± 0.5	5.2 ± 0.5
Brightness UV	%	ISO 2470	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0
CIE Whiteness	%	ISO 11475	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0

¹ A4 | ² Folio | ³ A3,A4,Reel | ⁴ Folio,SRA3 | ⁵ A3,A4,Reel | ⁶ Folio,SRA3 | ⁷ A3,A4 | ⁸ Folio,SRA3 | ⁹ A3,A4 | ¹⁰ Folio,SRA3 | ¹¹ A3,A4 | ¹² Folio,SRA3 |

Production process certified according to ISO 9001, ISO 14001 and ISO 45001. Product compliant with Reg. (EC) 1935/2004 when purchased in folio format or reels. Standard measurement uncertainty between laboratories is not incorporated. Product meets EN 12281, requirements for copy paper for dry toner imaging processes and ISO 20494, requirements for permanence for paper. Production processes certified according to ISO 9001, ISO 14001 and ISO 45001. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA

Parameter Name	Unit	ISO code	200 ¹	200 ²	250 ³	250 ⁴	300	350	400
Basis weight	g/m ²	ISO 536	200 ± 6.0	200 ± 6.0	250 ± 6.0	250 ± 6.0	300 ± 8.0	350 ± 11.0	400 ± 12.0
Caliper	µm	ISO 534	252 ± 6	252 ± 6	315 ± 7	315 ± 7	378 ± 8	473 ± 9	548 ± 10
Opacity	%	ISO 2471	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Moisture abs.	%	ISO 287	5.5 ± 0.6	5.2 ± 0.5	5.5 ± 0.6	5.5	5.2 ± 0.5	6.5 ± 0.5	6.5 ± 0.5
Brightness UV	%	ISO 2470	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0	114.0 ± 2.0
CIE Whiteness	%	ISO 11475	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0	170 ± 4.0

¹ A3,A4 | ² Folio,SRA3 | ³ A4 | ⁴ Folio,SRA3 |

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