

SIRIO COLOR

Uncoated papers and boards with a smooth surface, FSC® certified and made from pure ECF (Elemental Chlorine Free) pulp. Pulp-coloured papers produced with lightfast pigments, ensuring enhanced and highly consistent lightfastness performance across the entire range.

Outstanding colour consistency combined with a premium tactile experience. Superior colour intensity and uniformity, supported by excellent sheet formation and surface smoothness.
Available in 42 colours. The Black shade is Carbon Black-free.

DESCRIPTION

SIZE	GRAIN	SUBSTANCE
70X100	LG	80 115 140 170 210 290 350 480 700

RANGE

SUBSTANCE	VSA	ROUGHNESS	TABER STIFFNESS 15°		TENSILE STRENGTH	
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m²	cm³/g	ml/min	mN		kN/m	
			long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
80 ± 3%	1,2	220 ± 50	6	3	5,9	2,9
115 ± 3%	1,2	220 ± 50	14	6	8,1	3,9
140 ± 3%	1,2	220 ± 50	28	14	9,1	4,9
170 ± 3%	1,2	220 ± 50	55	25	10,1	5,5
210 ± 4%	1,2	220 ± 50	90	45	14,1	6,5
290 ± 5%	1,15	220 ± 50	250	120	24,8	13
350 ± 5%	1,15	300 ± 50	400	200	-	-
350* ± 5%	1,25	300 ± 50	400	200	-	-
480 ± 5%	1,15	350 ± 70	850	400	-	-
700 ± 5%	1,15	650 ± 100	2200	1000	-	-

TECHNICAL

FEATURES

ref. standard/instrument

unit of measure

* data relating to the colours Vivid Red, Oasis Green and Moonrise Blue

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ECOLOGICAL

FEATURES



The product is recyclable according to Aticelca 501:2025 and Cepi V.2-2022, based on UNI 11743:2019.

NOTES

Manufactured in our mills with certified biomethane replacing natural gas and with electricity from renewable sources.

Special runs available upon request.

Envelopes available on stock.

SIRIO COLOR

Sirio Color is ideal for packaging, coordinated graphic materials, covers, inserts, de luxe brochures. Best performances are found when very light-fast colours are required.

APPLICATIONS

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing. The macro-porous surface suggests the use of oxidative drying inks.

PRINTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnish coated with an offset machine is almost fully absorbed and therefore it does not improve gloss or protection. Screen-printing varnishing achieves better results, although it is often necessary to perform two shots to achieve a distinctly evident result. The surface Roughness typical of uncoated papers may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the substrate. We remind that if the surface of "Sirio Black" is rubbed against another white surface, some black particles might be rubbed off and transferred on the white surface. Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing. For the 350 gsm grade only, considering the slight differences in bulk and thickness that may occur in some colours, preliminary converting trials are recommended to determine the most suitable processing parameters, in line with good industrial practice

CONVERTING SUGGESTIONS

