



SIRIO COLOR

description

Uncoated papers and boards, certify FSC, made with E.C.F. pulp. Pulp-dyed with light-fast colours. The colour is highly deep and uniform. Very good formation and clarity. Substances 290gsm, 350gsm, 480gsm and 700gsm are off-machine laminated. Available in twenty shades.

range

size grain substance
70x100 LG 80 115 140 170 210 290 350 480 700

technical features
ref. standard/instrument
unit of measure

substance	VSA	roughness	Taber stiffness 15°		tensile strength	
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m ²	cm ³ /g	ml/min	mN		kN/m	
			long±10%	cross±10%	long±10%	cross±10%
80 ± 3%	1,2	250 ± 70	6	3	5,9	2,9
115 ± 3%	1,2	250 ± 70	14	6	8,1	3,9
140 ± 3%	1,2	250 ± 70	28	14	9,1	4,9
170 ± 3%	1,2	250 ± 70	55	25	10,1	5,5
210 ± 4%	1,2	250 ± 70	90	45	14,1	6,5
290 ± 5%	1,15	250 ± 70	250	120	24,8	13
350 ± 5%	1,15	290 ± 70	400	200	-	-
480 ± 5%	1,15	650 ± 100	1050	550	-	-
700 ± 5%	1,15	850 ± 100	2800	1600	-	-

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

ecological features



The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED



notes

The product is completely biodegradable and recyclable. Special runs available upon request.



Envelopes available on stock.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

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. For hot foil stamping reproductions, only for Black colour, in specific hygrometric conditions, or using unsuitable foils it can arise problems like oxidation or speckled printing, especially using colors like Golden, Silver or Metallic. It is recommended the consultation with your foil providers. In order to give total solution to this problem it is necessary to isolate the film for hot stamping printing from the paper: it can be done either with a plastic coated surface, a double hot stamping printing (making sure to use a white or transparent film before the printing metal band), or with a printing water-based or solvent varnish.

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. Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.

converting suggestions