



# 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 290g 350g 480g and 700g are off-machine laminated. Available in 24 shades.

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

**technical features**  
standard/instrument  
unit of measure

substance	VSA	smoothness	Taber stiffness 15°		breaking length	
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	ml/min	mN		m	
			long±10%	cross±10%	long±10%	cross±10%
80 ± 3%	1,20	250 ± 70	6	3,5	8000	4200
115 ± 3%	1,20	250 ± 70	17	8	7000	3700
140 ± 3%	1,20	250 ± 70	29,5	14	6600	3500
170 ± 3%	1,20	250 ± 70	60	35	5900	3100
210 ± 4%	1,20	250 ± 70	100	56	5000	2650
290 ± 5%	1,20	350 ± 70	260	180	6000	3500
350 ± 5%	1,20	350 ± 70	400	190	5700	3400
480 ± 5%	1,15	650 ± 70	1000	590	-	-
700 ± 5%	1,15	850 ± 70	2800	1600	-	-

Relative Humidity 50% ± 5

**ecological features**



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

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