

# FEDRIGONI

## PAPER

# SIRIO COLOR

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

### DESCRIPTION

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

### RANGE

SUBSTANCE	VSA	ROUGHNESS	TABER STIFFNESS 15°		TENSILE STRENGTH	
			long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	ml/min	mN		kN/m	
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	350 ± 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

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



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

Envelopes available on stock.

### ECOLOGICAL FEATURES

### NOTES

# 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.

## CONVERTING SUGGESTIONS

