

# FEDRIGONI

## PAPER

# SPLENDORGEL EW

Extra white ultra-fine papers and boards with a very smooth and velvety surface. Clear look-through. Made of pure E.C.F. pulp, certify FSC. Substances over 230 gsm are on-machine laminated in the formation stage. Characteristics provide perfect on-press performance, excellent ink-yield and brilliant printed results. In 45x64 size the substances 85gsm 100gsm and 115gsm are produced in "Litholaser" version, therefore suitable for offset pre-printing and subsequent printing on toner-based laser printers.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
45X64	LG	85 100 115 140 160 190 230 270 300 340
64X88	LG	85 100
71X100	LG	85 100 115 140 160 190 230 270 300 340

### RANGE

SUBSTANCE	V.S.A.	OPACITY	ROUGHNESS	TENSILE STRENGTH	
				long ± 10%	cross ± 10%
g/m <sup>2</sup>	cm <sup>3</sup> /g	%	ml/min		
85 ± 3%	1,05	88 ± 2	70 ± 20	5,2	3,2
100 ± 4%	1,05	90 ± 2	70 ± 20	5,9	3,9
115 ± 4%	1,05	92 ± 2	70 ± 20	7,2	4,2
140 ± 4%	1,05	94 ± 2	70 ± 20	8,5	4,5
160 ± 5%	1,05	-	70 ± 20	9,1	5,2
190 ± 5%	1,05	-	70 ± 20	10,4	5,9
230 ± 5%	1,05	-	60 ± 20	13,7	7,2
270 ± 5%	1,05	-	60 ± 20	15	7,8
300 ± 5%	1,05	-	60 ± 20	16,3	8,5
340 ± 5%	1,05	-	60 ± 20	-	-

### TECHNICAL FEATURES

Ref. standard/instrument unit of measure

Brightness (col. Extra White)  
- ISO 2470 (R457) - 112% ± 2  
Relative Humidity 50% ± 5  
ref. TAPPI 502-98



### ECOLOGICAL FEATURES

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

### NOTES

Envelopes available on stock.

# SPLENDORGEL EW

Splendorgel E.W. is excellent for packaging, coordinated graphic materials, labels, covers, inserts, de luxe brochures. In versions 85-100 gr. it is particularly suitable for letterheads and writing papers.

## 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. Good chromatic and tone performance, ink load, dot gain and printing contrast are at the highest levels obtainable from uncoated papers.

## PRINTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnishing coated with an offset machine is almost fully absorbed and therefore 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

