

# FEDRIGONI

## PAPER

# SPLENDORGEL AVORIO

Ivory shade ultra-fine papers and boards with a very smooth and velvety surface. Clear look-through. Made of pure E.C.F. pulp certify FSC. Excellent opacity and even surface. Characteristics provide perfect on-press performance, excellent ink-yield and brilliant printed results. Substances over 230g are on-machine laminated in the formation stage.

### DESCRIPTION

| SIZE   | GRAIN | SUBSTANCE                  |
|--------|-------|----------------------------|
| 64X88  | LG    | 85 100                     |
| 71X100 | LG    | 85 100 140 170 230 270 300 |

### RANGE

| SUBSTANCE        | V.S.A.             | OPACITY  | ROUGHNESS    | TENSILE STRENGTH |             |
|------------------|--------------------|----------|--------------|------------------|-------------|
|                  |                    |          |              | long ± 10%       | cross ± 10% |
| ISO 536          | ISO 534            | ISO 2471 | ISO 8791 - 2 | ISO 8791 - 2     |             |
| g/m <sup>2</sup> | cm <sup>3</sup> /g | %        | ml/min       |                  |             |
| 85 ± 3%          | 1,05               | 89 ± 2   | 70 ± 20      | 5,2              | 3,2         |
| 100 ± 3%         | 1,05               | 91 ± 2   | 70 ± 20      | 5,9              | 3,9         |
| 140 ± 3%         | 1,05               | 95 ± 2   | 70 ± 20      | 7,8              | 4,5         |
| 170 ± 3%         | 1,05               | -        | 70 ± 20      | 9,8              | 5,2         |
| 230 ± 5%         | 1,05               | -        | 60 ± 20      | 13,7             | 7,2         |
| 270 ± 5%         | 1,05               | -        | 60 ± 20      | 15,6             | 7,8         |
| 300 ± 5%         | 1,05               | -        | 60 ± 20      | 17               | 8,5         |

### TECHNICAL FEATURES

Ref. standard/instrument unit of measure

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 AVORIO

Splendorgel Avorio is excellent for packaging, coordinated graphic materials, labels, covers, envelopes, calendars, note-books, editions, inserts, soft covers.

## 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

