

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 | |
|-----------|---------|------------|---------------------|-------------|------------------|-------------|
| ISO 536 | ISO 534 | ISO 8791-2 | ISO 2493 | | ISO 1924 | |
| g/m² | cm³/g | ml/min | mN | | kN/m | |
| | | | long ± 10% | cross ± 10% | long ± 10% | cross ± 10% |
| 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



ECOLOGICAL FEATURES

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

NOTES

Envelopes available on stock.

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

