

**Product:** Knight Smooth

**Category:** Folio Papers - Specialty Paper

**Country of origin:** Italy

## Technical specifications: White

Basis Weight	g/m <sup>2</sup>	90	105	120	140	170	200	225	280	300	350	400
Thickness	µms ISO 534	97±6	114±7	130±8	151±9	182±11	216±13	243±15	300±18	318±16	372±22	427±26
Smoothness Bendsten-wire side	ml/min	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30
Smoothness Bendsten-felt side	ml/min	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30
Brightness	% ISO 2470	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2
CIE Whiteness D65/10+UV	ISO 11475	159	159	159	159	159	159	159	159	159	159	159
Stiffness MD	mN ISO 2493	6.4±2	-	-	-	-	-	-	158±40	175±43	204±51	-
Stiffness CD	mN ISO 2493	4.0±1	-	-	-	-	-	-	79±20	84±21	125±32	-
Cobb. 1 min (multisheet) top	g/m <sup>2</sup> ISO 535	24±4	24±5	24±5	24±5	24±5	24±5	24±5	24±4	24±4	24±4	25±5
Cobb. 1 min (multisheet) back	g/m <sup>2</sup>   SO 535	24±4	24±5	24±5	24±5	24±5	24±5	24±5	24±4	24±4	24±4	24±5

These characteristics are average values supplied for guidance purposes

## Technical specifications: Cream

Basis Weight	g/m <sup>2</sup>	100	120	140	280	350
Thickness	µms	109±7	130±8	151±9	300±18	375±23
Smoothness Bendsten - wire side	ml/min	50±30	50±30	50±30	50±30	50±30
Smoothness Bendsten - felt side	ml/min	50±30	50±30	50±30	50±30	50±30
Brightness	% ISO 2470	80±2	80±2	80±2	80±2	80±2
Cobb. 1 min (multisheet) top	g/m <sup>2</sup> ISO 535	24±5	24±5	24±5	24±5	24±5
Cobb. 1 min (multisheet) back	g/m <sup>2</sup> ISO 535	24±5	24±5	24±5	24±5	24±5

These characteristics are average values supplied for guidance purposes

## Certificates

- FSC Certified: Mix, ISO 9001 Quality Management System

## Recommended Printing Tips

Screen rulings of 150 lpi to 200 lpi are recommended along with the use of fully oxidising inks. The super-calendered surface gives higher ink hold out but can take longer to dry. Reducing ink and fountain solution and stacking in small lots is recommended. When scoring 350 & 400gsm, we recommend a 2 or 3 point rounded rule.

### Print & Finish Suitability

- |                                                 |                                             |                                                                |
|-------------------------------------------------|---------------------------------------------|----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Creasing    | <input checked="" type="checkbox"/> Foiling | <input checked="" type="checkbox"/> Laser                      |
| <input checked="" type="checkbox"/> Die-Cutting | <input checked="" type="checkbox"/> Folding | <input checked="" type="checkbox"/> Scoring                    |
| <input checked="" type="checkbox"/> Digital     | <input checked="" type="checkbox"/> Inkjet  | <input checked="" type="checkbox"/> Varnishing:                |
| <input checked="" type="checkbox"/> Embossing   | <input type="checkbox"/> Film Laminating    | <input checked="" type="checkbox"/> Screen Ruling: 150-200 lpi |
| <input type="checkbox"/> Other:                 |                                             |                                                                |

### Applications

- |                                                                                        |                                                 |                                                           |
|----------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|
| <input checked="" type="checkbox"/> Annual Reports                                     | <input checked="" type="checkbox"/> Direct Mail | <input type="checkbox"/> Outdoor Use                      |
| <input checked="" type="checkbox"/> Brochures                                          | <input checked="" type="checkbox"/> Folders     | <input checked="" type="checkbox"/> Packaging             |
| <input checked="" type="checkbox"/> Corporate Identity                                 | <input checked="" type="checkbox"/> Invitations | <input checked="" type="checkbox"/> Presentation Material |
| <input checked="" type="checkbox"/> Other: swing tags, cards, point of sale, envelopes |                                                 |                                                           |