

# TECHNICAL FACT SHEET

1 of 2

**Product:** Sovereign Offset

**Category:** Uncoated Commodity

**Mill:** Mondi Neusielder

**Website:** [www.mondigroup.com](http://www.mondigroup.com)

**Country of Manufacture:** Austria

## Technical Specifications

Basis Weight	g/m <sup>2</sup>	80	90	100	120	135	160	200	250	300
Thickness	ISO534 microns	107±3	119±3	131±4	153±4	173±4	202±5	271±6	333±6	400±8
Smoothness										
Roughness	ISO 8791-2	140±50	140±50	140±50	140±50	140±50	140±50	140±50	140±50	140±50
Rigidity										
Opacity	% ISO 2471	92.5	93.5	95.0	96.0	97.0	97.5	99.0	99.0	99.0
Brightness +UV	ISO 2470-D65	113±2	113±2	113±2	113±2	113±2	113±2	113±2	113±2	113±2
CIE Whiteness	% ISO 11475	169±3	169±3	169±3	169±3	169±3	169±3	169±3	169±3	169±3
Gloss										
pH Value/Archival										
Relative Humidity										
Stiffness L&W	MD ISO 2493	125	160	190	280	400	600	1100	1900	2600
Stiffness L&W	CD ISO 2493	58	70	100	160	240	350	600	1000	1500
Surface Strength										
Cobb. 1 min (multisheet)										

These characteristics are average values supplied for guidance purposes

## Certificates

FSC Certified: Mixed Sources, ISO 14001 Environmental Management System. ISO 9706 Long Life, ISO 9001

Quality certification and ISO 18001 Safety certification.

# TECHNICAL FACT SHEET

2 of 2

## Recommended Printing Tips

---

Allow for longer drying time. Under colour removal (UCR) is recommended, please discuss with your printer to achieve optimum results.

## 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 type="checkbox"/> Inkjet                     | <input checked="" type="checkbox"/> Varnishing                   |
| <input checked="" type="checkbox"/> Embossing   | <input checked="" 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 type="checkbox"/> Packaging                        |
| <input checked="" type="checkbox"/> Corporate Identity                      | <input type="checkbox"/> Invitations            | <input checked="" type="checkbox"/> Presentation Material |
| <input checked="" type="checkbox"/> Other: Posters, letterheads, postcards. |   |   |

Melbourne  
03 8470 2244

Brisbane  
07 3623 0000

Sydney  
02 8746 7100

Adelaide  
08 8168 2626

[www.kwdoggett.com.au](http://www.kwdoggett.com.au)

Last updated: 23rd November 2009

**K.W.DOGGETT** Fine Paper