



Product Technical Information Sheet

Conform Plus

Product Code: 27155

Description of Product:

A premium white uncoated woodfree offset printing grade providing good opacity and stiffness. A clean white paper with excellent surface for printing, good dimensional stability as required for precise print register in multi-colour presses.

Common Use:

Letterheads, forms, brochures, pamphlets, posters, leaflets, writing pads, desk pads, charts books, card. 60gsm is used in continuous printed forms requiring sprocket punching and folding for use in non demanding low speed continuous laser printers.

Grammages:

Available at 50, 55, 60, 70, 75, 80, 85, 90, 100 and 110 gsm.

Mill:

Maryvale, Victoria Australia

Common Use:

Business forms, statements and other billing type documents requiring consistent high quality imaging.

Certification:

The pulp and paper mill has the following certifications:

- Quality System AS/NZ ISO 9001:2008
- Environmental System AS/NZ ISO 14001:2004
- OH&S AS/NZS 4801:2001
- PEFC Certified AS4704-2006. Promoting Sustainable Forest Management. Cert. No: 27479-2008 AE-AUS-JAS-ANZ
For more info: www.pefc.org

Materials:

Major components are Bleached Kraft short and long fibre, filler (calcium carbonate) and starch.

The table below displays typical values. Test climate: RC @ 50%RH, 23° C. Grammage is as made.

| Physical Properties | Unit | | | | | | | | | | | | Method based on |
|-----------------------------|------------------|------------------|------|------|------|------|------|------|------|------|------|------|-----------------|
| Nominal Grammage | g/m ² | | 50 | 55 | 60 | 70 | 75 | 80 | 85 | 90 | 100 | 110 | AS 1301.405s |
| Grammage as made | g/m ² | | 50 | 55 | 60 | 70 | 75 | 80 | 85 | 90 | 100 | 110 | AS 1301.405s |
| Moisture | % | | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | AS 1301.457s |
| Thickness (Bulking) | µm | | 62 | 67 | 71 | 83 | 88 | 94 | 101 | 109 | 118 | 125 | AS 1301.426s |
| Tensile | MD | kN/m | 4.5 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | AS 1301.439s |
| | CD | kN/m | 2.0 | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | |
| Roughness(Bendtsen) | TS | ml/min | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | AS 1301.439s |
| | BS | ml/min | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | |
| Porosity (Bendtsen) | | ml/min | 890 | 950 | 840 | 800 | 780 | 1200 | 1200 | 1200 | 1200 | 800 | AS 1301.440s |
| Cobb, 1 min (multisheet) | TS | g/m ² | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | AS 1301.411s |
| Droop Rigidity | CD | mm | 63 | 68 | 70 | 85 | 85 | 90 | 95 | 100 | 105 | 110 | |
| Droop Rigidity Bias | CD | mm | 10 | 10 | 5 | 5 | 5 | 5 | 5 | -5 | -12 | 5 | |
| Wax Pick | | # | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | Tappi 459 |
| Visual Properties | | | | | | | | | | | | | |
| Opacity | Aim | % | 79 | 82 | 85 | 88.5 | 90 | 91 | 92 | 93 | 95 | 95 | AS 1301.454s |
| | Low Limit | % | 75 | 79 | 83 | 86 | 88 | 88 | 89 | 91 | 93 | 93 | |
| CIE Whiteness | TS | D65/10 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | ISO 11475 |
| Fluorescence (Δ Brightness) | TS | D65/10 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | ISO 11475 |
| Colour L* (UV Exc) | TS | D65/10 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | AS 1301.455s |
| Colour a* (UV Exc) | TS | D65/10 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | AS 1301.455s |
| Colour b* (UV Exc) | TS | D65/10 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | -2.0 | AS 1301.455s |
| Dirt Frequency | TS | eba ppm | 4 | 4 | 4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | Tappi 563 |

