

**TECHNICAL SPECIFICATION**

**Grade: 310/004-01A**

**Description: Pulp produced from New Zealand Plantation sustainably grown Radiata Pine. Pulp is brightened using sodium Hydrosulphite. Pulp is not screened or cleaned.**

**Testing:** Pulp Properties are determined using standard procedures. Average order quality is calculated from the results of representative composite testing at the time of manufacture and is calculated for the complete order volume negotiated.

| <b>AVERAGE ORDER QUALITY</b>        |                         |                        |                        |                               |
|-------------------------------------|-------------------------|------------------------|------------------------|-------------------------------|
| <b>PROPERTY</b>                     | <b>EXPECTED AVERAGE</b> | <b>MINIMUM AVERAGE</b> | <b>MAXIMUM AVERAGE</b> | <b>STANDARD</b>               |
| FREENESS (ml CSF)                   | 310                     | 285                    | 325                    | T227 om-09                    |
| BRIGHTNESS (%ISO)                   | 62                      | 60                     |                        | ISO 2470:2009                 |
|                                     |                         |                        |                        |                               |
| DISINTEGRATION                      |                         |                        |                        | ISO 5263-3 (2004)             |
|                                     |                         |                        |                        |                               |
| TENSILE INDEX (Nm/g)                | 21.5                    | 19.5                   |                        | T220 sp-06                    |
| TEAR INDEX (mNm <sup>3</sup> /g)    | 7.9                     | 7.1                    |                        | T220 sp-06                    |
| BULK (cm <sup>3</sup> /g)           | 3.2                     |                        |                        | T220 sp-06                    |
| SHIVE CONTENT (%)                   | 0.4                     |                        |                        | T274 sp-08<br>(Pulmac 0.15mm) |
| PITCH CONTENT<br>(%DCM Extractives) | 1.2                     |                        |                        | T204 cm-07                    |
|                                     |                         |                        |                        |                               |
| MOISTURE CONTENT (%)                | 13.3 target             |                        |                        |                               |
|                                     |                         |                        |                        |                               |

**Packing Specifications**

BALE WEIGHT : 270 kg Target  
 BALE DIMENSIONS : 610mm x 580mm x 910mm  
 BALE WRAPPING : Bleached Kraft Linerboard, 205gsm.  
 BALE WIRE : 4 x 2.0mm tying wires  
 UNIT SIZE – 6 bale units : 900 x 1200 x 1800mm  
 UNIT GROSS WEIGHT MAX : 1690 kg  
 UNIT WIRES : 6 galvanised 2.95mm diameter wires, suitable for Top-Lift handling

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