



# EATware International Ltd.

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## EATware® Technical Data Sheet

| <b>Chemical Properties</b>   |                      |
|--|----------------------|
| <b>Chemical Analysis</b>   |                      |
| Cellulose Fiber/Starch   | 95 - 98 %            |
| Moisture   | 2 - 5 %              |
| Lamination   | Upon request 1 - 2 % |
| <b>Toxicity Analysis</b>   |                      |
| Cadmium  | < 3 ppb              |
| Chromium   | < 50 ppb             |
| Lead   | < 10 ppb             |
| Mercury  | < 1 ppb              |
| Pesticides   | < 1 µg / L           |
| Total Coliform Bacteria  | < 1 colony / 100 g   |
| Molds and Yeasts   | < 1 colony / 1 g     |
| French Law 94-647<br>Packaging Materials Pollutants Analysis                     | <i>Passed</i>        |
| FDA 21 CFR 178.3800<br>Preservatives for Fiber                                   | <i>Passed</i>        |
| FDA Bacteriological Analytical Manual Chapter 18<br>Yeasts, Molds and Mycotoxins | <i>Passed</i>        |



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| <b>Physical Properties</b>                         |                     |
|--|---------------------|
| Density  | 0.4 - 0.6 g / cc    |
| Thickness  | 0.4 - 0.7 mm        |
| Tensile Strength                                   | 32 - 35 MPa         |
| Tappi T494   | 1300 - 1500 MPa     |
| Elongation   | 4 - 8%              |
| Burning Point (°C)                                 | > 250 °C            |
| Water Resistance (100 °C)                          | 30 - 45 min         |
| Water Resistance (25 °C)                           | 2 - 3 hours         |
| Hot Oil (140 °C)                                   | 30 - 45 min         |
| Cold Oil (25 °C)                                   | 1 - 2 hours         |
| Acid Resistance (3% Acetic acid)                   | 2 hours             |
| Sealed Package (0 - 8°C 10 Days)                   | No microbial growth |
| <b>Biodegradability</b>                            |                     |
| HS 2001  | <i>Passed</i>       |
| DIN EN 13432                                       | <i>Passed</i>       |
| EU Council Directive 94/62/EC<br>French Law 98-638 | <i>Passed</i>       |