



J.D. IRVING, LIMITED

# LAKE UTOPIA PAPER

## PRODUCT SPECIFICATIONS - JANUARY 2012

### Packaging for the World!

Lake Utopia Paper delivers world class quality and service in the production of packaging material for some of the world's favorite brands of food products and other consumer items. Our mediums are made from prime Canadian hardwoods, and cooked by the NSSC process.



Lake Utopia Paper produces quality corrugating medium for the global market. For over 35 years, our mill has supplied customers in Canada, the U.S. and Latin America. Our mill is situated close to two year-round deep-water ports, enabling us to deliver products worldwide.

#### Typical Properties—Corrugating Medium

| BASIS WEIGHT                | IMPERIAL      | 23 lb   | 26 lb   | 31 lb   | 33 lb   | 36 lb   | 40 lb   |
|-----------------------------|---------------|---------|---------|---------|---------|---------|---------|
|                             | METRIC        | 112 gsm | 127 gsm | 150 gsm | 161 gsm | 176 gsm | 195 gsm |
|                             | TOLERANCE     | -5%     | -5%     | -5%     | -5%     | -5%     | -5%     |
| <b>CONCORA</b>              | TARGET (lbf)  | 55      | 65      | 77      | 81      | 86      | 89      |
|                             | MINIMUM (lbf) | 50      | 54      | 62      | 65      | 70      | 72      |
|                             | TARGET (n)    | 245     | 289     | 343     | 360     | 383     | 396     |
|                             | MINIMUM (n)   | 222     | 240     | 276     | 289     | 311     | 320     |
| <b>RING CRUSH</b>           | TARGET (lbf)  | 28      | 35      | 49      | 54      | 61      | 66      |
|                             | MINIMUM (lbf) | 25      | 29      | 42      | 46      | 55      | 58      |
|                             | TARGET (n)    | 125     | 156     | 218     | 240     | 271     | 294     |
|                             | MINIMUM (n)   | 111     | 129     | 187     | 205     | 245     | 258     |
| <b>POROSITY (seconds)</b>   | MINIMUM       | 10      | 10      | 10      | 10      | 10      | 10      |
| <b>WATER DROP (seconds)</b> | MINIMUM       | 5       | 5       | 5       | 5       | 5       | 5       |
| <b>CALIPER</b>              | (0.001")      | 8.6     | 9.2     | 10.9    | 11.5    | 12.4    | 13.0    |
|                             | (MICRONS)     | 218     | 234     | 277     | 292     | 315     | 330     |
| <b>MOISTURE</b>             | TARGET        | 8.5%    | 8.5%    | 8.5%    | 8.5%    | 8.5%    | 8.5%    |

#### We Offer:

- Excellent performance in demanding applications
- Basis weights ranging from 23# to 40# (112 - 195 gsm)
- 100% truck service guarantees for fast and flexible delivery
- A great location near 2 deep-water ports for year-round ocean shipping

#### MILL SITE ADDRESS:

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Tel: (506) 755-3384  
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#### SALES OFFICE ADDRESS:

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