



# Yupo® Original FPG250 Specification Sheet

## 74 LB Cover 9.9 PT

| <u>Parameter</u>           | <u>Units</u>            | <u>Range</u>   | <u>Reference*</u> | <u>Notes</u> |
|----------------------------|-------------------------|----------------|-------------------|--------------|
| Thickness, Average         | micron                  | 250 +/- 12     | JIS P-8118        | 2            |
| Basis Weight, Average      | g/m2                    | 200.0 +/- 9.0  | JIS P-8124        | 2            |
| Opacity, Average           | %                       | 98.0 min.      | TAPPI T-425       | 2            |
| Gloss, Average - Top       | %                       | 18 +/- 4       | TAPPI T-480       | 2            |
| Gloss, Average - Back      | %                       | 18 +/- 4       | TAPPI T-480       | 2            |
| Whiteness, Average         | WI                      | 96 +/- 2       | JIS L-1015        | 2            |
| Surface Resistivity - Top  | log( $\Omega/\square$ ) | 12.0 max.      | ASTM D257         | 2            |
| Surface Resistivity - Back | log( $\Omega/\square$ ) | 12.0 max.      | ASTM D257         | 2            |
| Tensile Strength - MD      | kgf/15mm                | 11.5 min.      | TAPPI T-494       | 2            |
| Tensile Strength - TD      | kgf/15mm                | 40.0 min.      | TAPPI T-494       | 2            |
| 5% Elongation - MD         | kgf/15mm                | 6.5 +/- 1.5    | TAPPI T-494       | 2            |
| 5% Elongation - TD         | kgf/15mm                | 20.0 +/- 4.0   | TAPPI T-494       | 2            |
| Tear Strength - MD         | gf                      | 160.0 +/- 20.0 | TAPPI T-414       | 2            |
| Tear Strength - TD         | gf                      | 64.0 +/- 29.0  | TAPPI T-414       | 2            |
| Clark Stiffness - MD       | s-value                 | 124.0 min.     | TAPPI T-451       | 1, 2         |
| Clark Stiffness - TD       | s-value                 | 235.0 min.     | TAPPI T-451       | 1, 2         |

**Notes Key:**

- 1 - Stiffness increases with aging over the first month from date of manufacture.
- 2 - Specification range shown

\* Yupo test methods based on, but not necessarily the same as, reference stated; Yupo procedure stated if reference not available.

This document provides our current specifications for FPG250. Changes to these items may occur at the sole discretion of Yupo Corporation America. This issue supersedes any and all previous versions.