



YUPO® FPG-300 Specification Sheet

86 lb. Cover

| <u>Parameter</u> | <u>Units</u> | <u>Range</u> | <u>Reference*</u> | <u>Notes</u> |
|---------------------------|-------------------------|-----------------|-------------------|--------------|
| Thickness, Average | micron | 300 +/- 14 | JIS P-8118 | 2 |
| Basis Weight, Average | g/m2 | 234.0 +/- 10.0 | JIS P-8124 | 2 |
| Opacity, Average | % | 98.0 min. | TAPPI T-425 | 2 |
| Gloss, Average - Top | % | 18 +/- 4 | TAPPI T-480 | 2 |
| - Back | % | 18 +/- 4 | TAPPI T-480 | 2 |
| Whiteness, Average | WI | 96 +/- 2 | JIS L-1015 | 2 |
| Surface Resistivity - Top | log(Ω/\square) | 12.0 max. | ASTM D257 | 2 |
| - Back | log(Ω/\square) | 12.0 max. | ASTM D257 | 2 |
| Tensile Strength - MD | kgf/15mm | 12.5 min. | TAPPI T-494 | 2 |
| - TD | kgf/15mm | 45.0 min. | TAPPI T-494 | 2 |
| 5% Elongation - MD | kgf/15mm | 7.0 +/- 1.5 | TAPPI T-494 | 2 |
| - TD | kgf/15mm | 20.5 +/- 4.0 | TAPPI T-494 | 2 |
| Tear Strength - MD | gf | 200.0 +/- 105.0 | TAPPI T-414 | 2 |
| - TD | gf | 73.5 +/- 38.5 | TAPPI T-414 | 2 |
| Clark Stiffness - MD | s-value | 150.0 min. | TAPPI T-451 | 1, 2 |
| - TD | s-value | 250.0 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 FPG-300. Changes to these items may occur at the sole discretion of Yupo Corporation America. This issue supersedes any and all previous versions.