



# YUPO® FPG-110 Specification Sheet

## 57 lb. Text - CPM

<u>Parameter</u>	<u>Units</u>	<u>Range</u>	<u>Reference*</u>	<u>Notes</u>
Thickness, Average	micron	110 +/- 5	JIS P-8118	2
Basis Weight, Average	g/m2	84.7 +/- 4.0	JIS P-8124	2
Opacity, Average	%	92.0 min.	TAPPI T-425	2
Gloss, Average - Top	%	20 +/- 4	TAPPI T-480	2
- Back	%	20 +/- 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
- Back	log( $\Omega/\square$ )	12.0 max.	ASTM D257	2
Tensile Strength - MD	kgf/15mm	6.5 min.	TAPPI T-494	2
- TD	kgf/15mm	17.5 min.	TAPPI T-494	2
5% Elongation - MD	kgf/15mm	3.2 +/- 1.0	TAPPI T-494	2
- TD	kgf/15mm	8.4 +/- 2.0	TAPPI T-494	2
Tear Strength - MD	gf	40.5 +/- 10.5	TAPPI T-414	2
- TD	gf	20.8 +/- 7.2	TAPPI T-414	2
Clark Stiffness - MD	s-value	27.5 min.	TAPPI T-451	1, 2
- TD	s-value	49.5 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-110. Changes to these items may occur at the sole discretion of Yupo Corporation America. This issue supersedes any and all previous versions.

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