



Yupoilluminate® FPU200 Specification Sheet

UV Inkjet

<u>Parameter</u>	<u>Units</u>	<u>Range</u>	<u>Reference*</u>	<u>Notes</u>
Thickness, Average	micron	200 +/- 10	JIS P-8118	2
Basis Weight, Average	g/m2	158.0 +/- 7.0	JIS P-8124	2
Opacity, Average	%	96.5 min.	TAPPI T-425	2
Gloss, Average - Top	%	20 +/- 4	TAPPI T-480	2
Gloss, Average - Back	%	20 +/- 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
Surface Resistivity - Back	log(Ω/\square)	12.0 max.	ASTM D257	2
Tensile Strength - MD	kgf/15mm	10.5 min.	TAPPI T-494	2
Tensile Strength - TD	kgf/15mm	34.5 min.	TAPPI T-494	2
5% Elongation - MD	kgf/15mm	5.4 +/- 1.4	TAPPI T-494	2
5% Elongation - TD	kgf/15mm	15.0 +/- 3.0	TAPPI T-494	2
Tear Strength - MD	gf	106.0 +/- 34.0	TAPPI T-414	2
Tear Strength - TD	gf	43.5 +/- 13.5	TAPPI T-414	2
Clark Stiffness - MD	s-value	96.0 min.	TAPPI T-451	1, 2
Clark Stiffness - TD	s-value	187.5 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 FPU200. 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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