



YUPO[®] IML AISE105 Technical Data Sheet

<u>Parameter</u>	<u>Units</u>	<u>Range</u>	<u>Reference*</u>	<u>Notes</u>
Thickness, Average	micron	107 +/- 7	JIS P-8118	2
Basis Weight, Average	g/m2	82.7 +/- 4.0	JIS P-8124	2
Opacity, Average	%	92.0 min.	TAPPI T-425	2
Gloss, Average - Adhesive	%	68 +/- 15	TAPPI T-480	2
Gloss, Average - Print Side	%	22 +/- 4	TAPPI T-480	2
Whiteness, Average	WI	94.0 min.	JIS L-1015	2
Surface Resistivity - Adhesive	log(Ω/\square)	16.0 max.	ASTM D257	2, 4
Surface Resistivity - Print Side	log(Ω/\square)	13.0 max.	ASTM D257	2
Tensile Strength - MD	kgf/15mm	4.0 min.	TAPPI T-494	2
Tensile Strength - TD	kgf/15mm	12.5 min.	TAPPI T-494	2
5% Elongation - MD	kgf/15mm	2.4 +/- 1.0	TAPPI T-494	2
5% Elongation - TD	kgf/15mm	7.0 +/- 3.0	TAPPI T-494	2
Clark Stiffness - MD	s-value	11.0 min.	TAPPI T-451	1, 2
Clark Stiffness - TD	s-value	32.0 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
- 4 - SSR decreases (improves) by ~ 1.0 over first two weeks from DOM. Value is as tested immediately after production.

* YUPO test methods based on, but not necessarily the same as, reference stated; YUPO procedure stated if reference not
 This document provides our current specifications for AISE105. Changes to these items may occur at the sole discretion of Yupo Corporation America. This issue supersedes any and all previous versions.