



YUPO® LJR-080 Specification Sheet

IML-I Grade (In-Mold Label, Injection)

<u>Parameter</u>	<u>Units</u>	<u>Range</u>	<u>Reference*</u>	<u>Notes</u>
Thickness, Average	micron	80 +/- 4	JIS P-8118	2
Basis Weight, Average	g/m2	61.6 +/- 3.0	JIS P-8124	2
Opacity, Average	%	88.5 min.	TAPPI T-425	2
Gloss, Average - Print side	%	20 +/- 4	TAPPI T-480	2
- Adhesive side	%	20 +/- 4	TAPPI T-480	2
Whiteness, Average	WI	96 +/- 2	JIS L-1015	2
Smoothness - Print side	secs	550 +/- 300	Japan Tappi No.5	3
- Adhesive side	secs	100 +/- 50	Japan Tappi No.5	3
Surface Resistivity - Print side	log(Ω/\square)	12.0 max.	ASTM D257	2
- Adhesive side	log(Ω/\square)	12.0 max.	ASTM D257	2
Tensile Strength - MD	kgf/15mm	4.5 min.	TAPPI T-494	2
- TD	kgf/15mm	12.5 min.	TAPPI T-494	2
5% Elongation - MD	kgf/15mm	2.3 +/- 0.9	TAPPI T-494	2
- TD	kgf/15mm	5.6 +/- 2.0	TAPPI T-494	2
Tear Strength - MD	gf	26.0 +/- 8.0	TAPPI T-414	2
- TD	gf	14.0 +/- 8.0	TAPPI T-414	2
Clark Stiffness - MD	s-value	12.0 min.	TAPPI T-451	1, 2
- TD	s-value	28.0 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

3 - Parameter is report only; if range values given, use as reference only, not specifications. Product may be outside these limits.

* 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 LJR-080. 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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